TOSHIBA

TOSHIBA2STLabelPrinter

DB-EA4D

PrinterDriverManual

FirstEdition: April27,2012

TOSHIBA TEC CORPORATION

This document describes the precautions for using the 2ST Label Printer Windows Printer Driver.

This document assumes that the reader is familiar with the following:
- General characteristics of Windows and Windows printer driver
- General characteristics of 2ST Label Printer

TableofContent

1. **SystemRequirement**
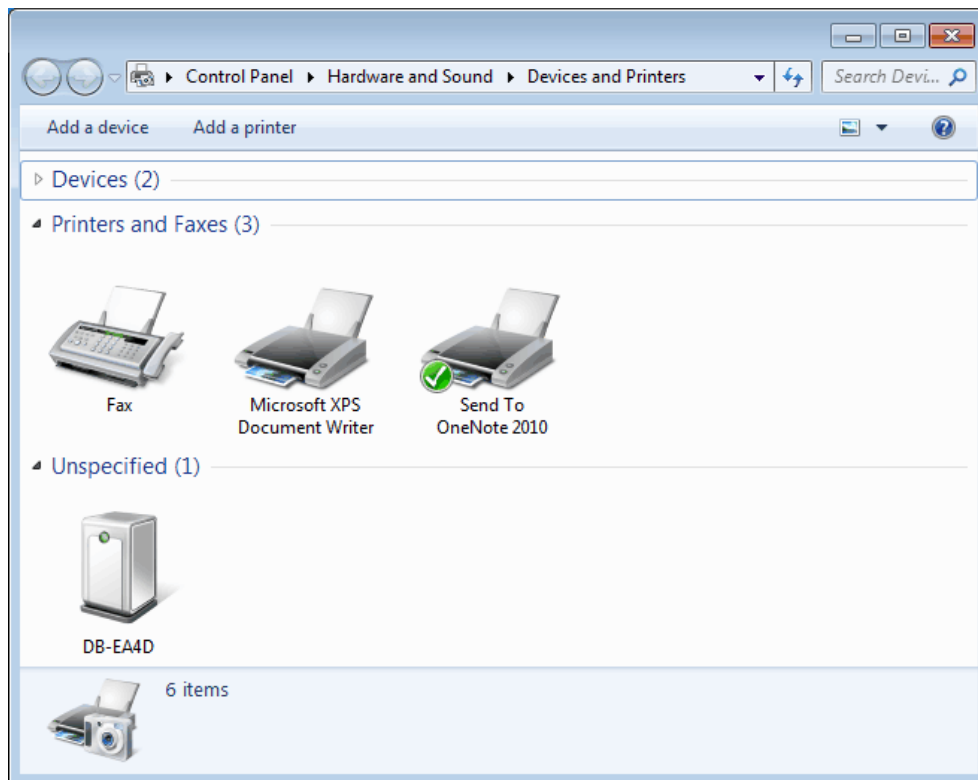
OS: WindowsXPProfessional(English)/7(32bit,6   4bit)(English)

Language: English

PrinterI/F: USB(PrinterClass)
              LAN(TCP/IP)
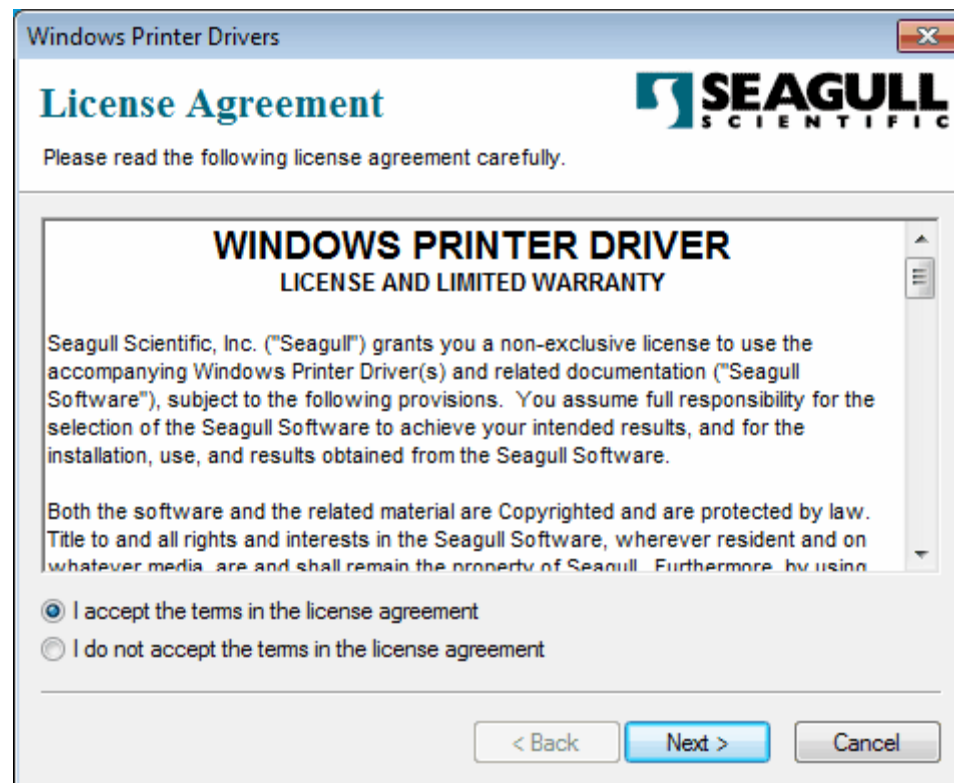   Parallel(Option)

2.DriverInstallationguide

2.1.　InstallationforWindows7(32-bit,64-bit)
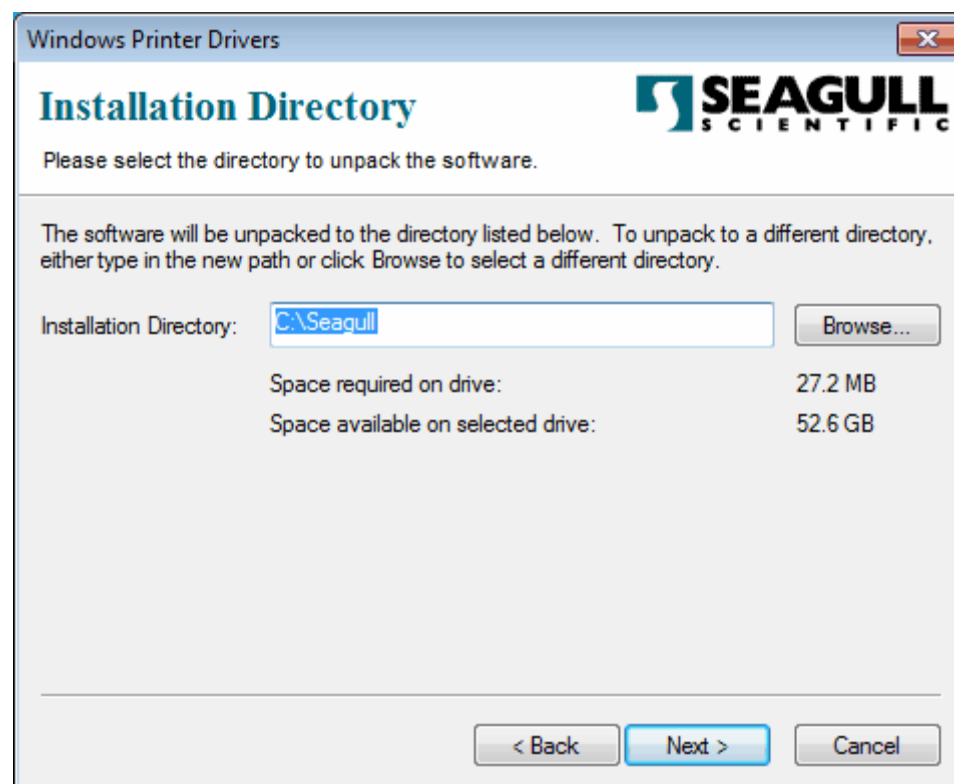### 2.1.1.　InstallationonUSBI/F

PlugprinteronUSBI/Fandturniton,beforerunn　　inginstaller.
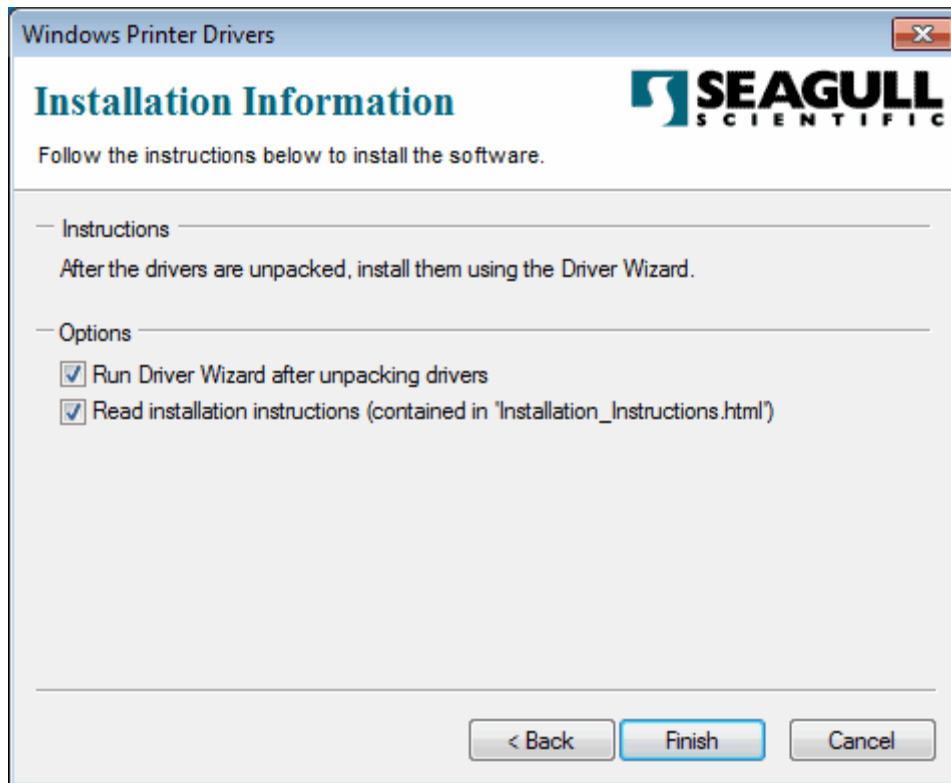You'llsee"Unspecified"iconnamed"DB-EA4D"assh　　ownbelow.

Afterthis,runyourprinterdriver'spackagetoun　　packandstartinstallation.
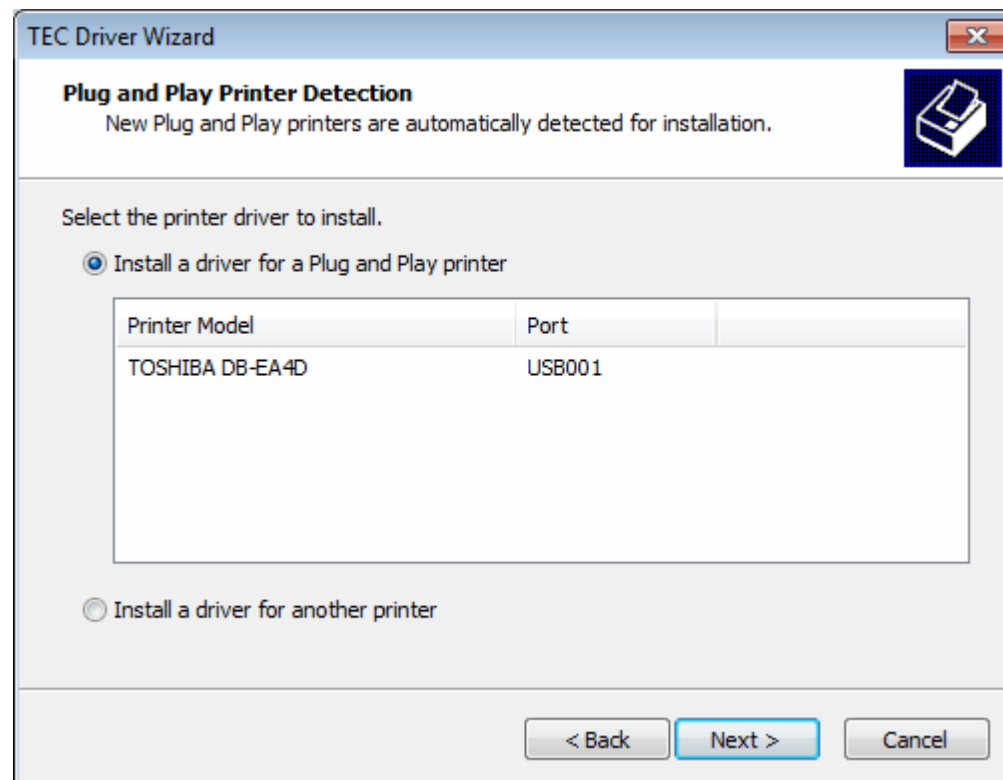
Select"Iaccept…"andclick"Next>".
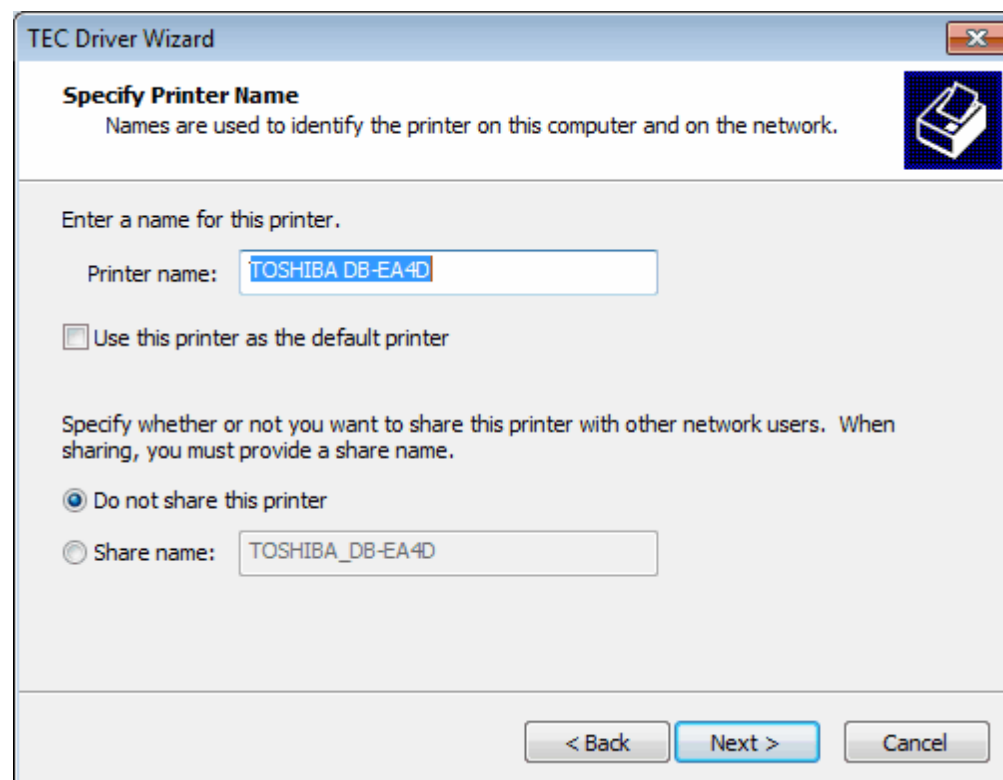

Specifythedirectorytounpackandclick"Next>".

Click"Finish"tostartunpackingdriversand"Driv   erWizard"willrun
automaticallyasshownbelow.
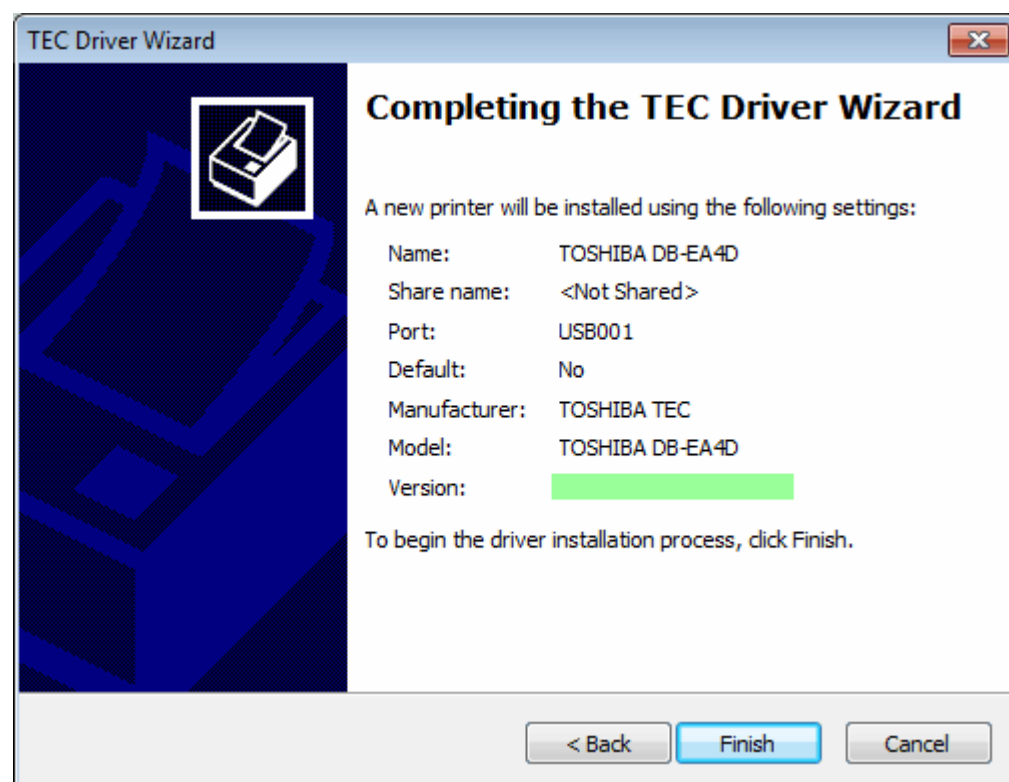

Select"Installprinterdrivers"andclick"Next>"   .

Select"InstalladriverforaPlugandPlayprinte   r"andclick"Next>"to proceedinstallation.

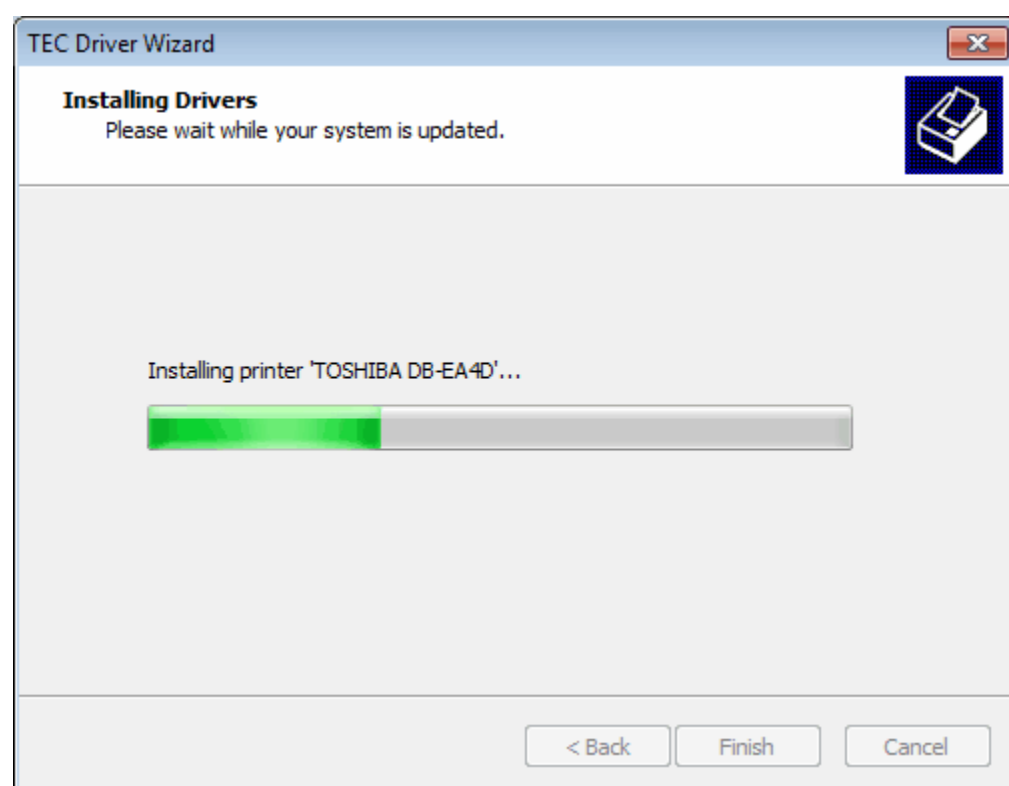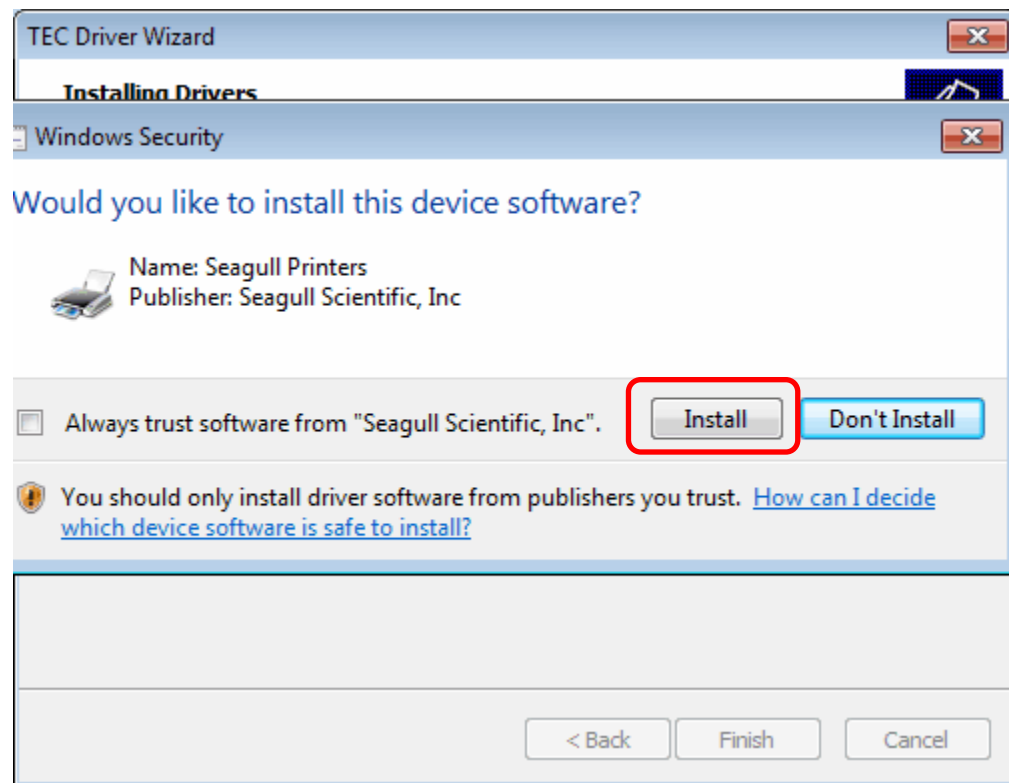Specify"Printername"andselect"Donotshare…"a   ndclick"Next>".
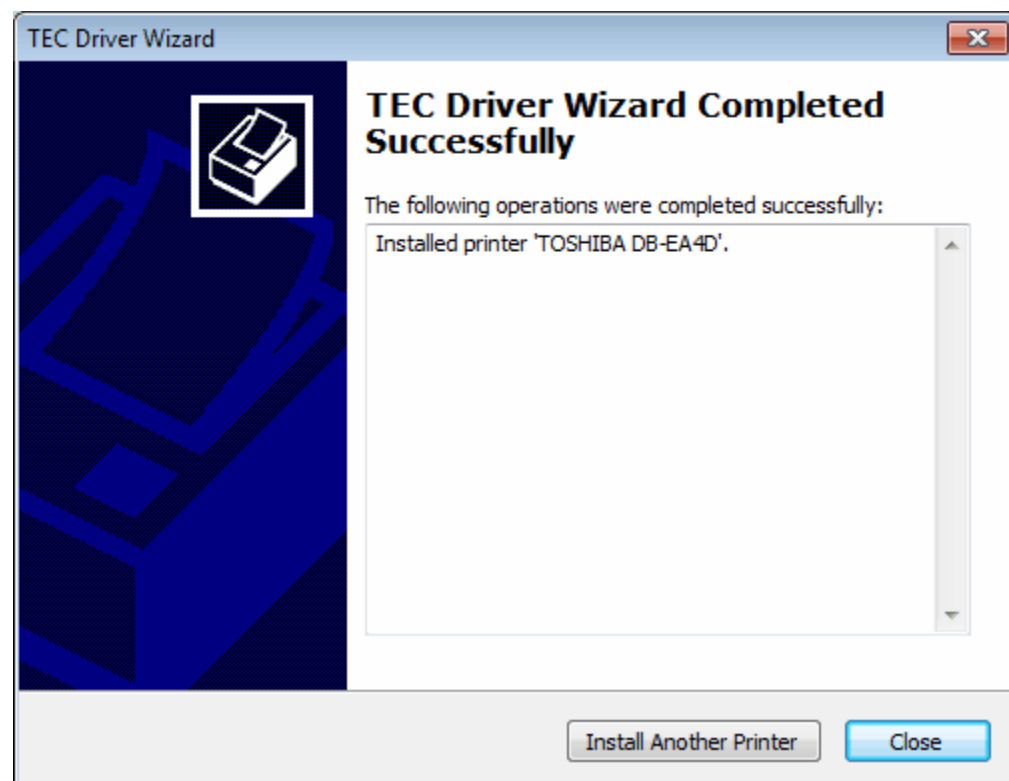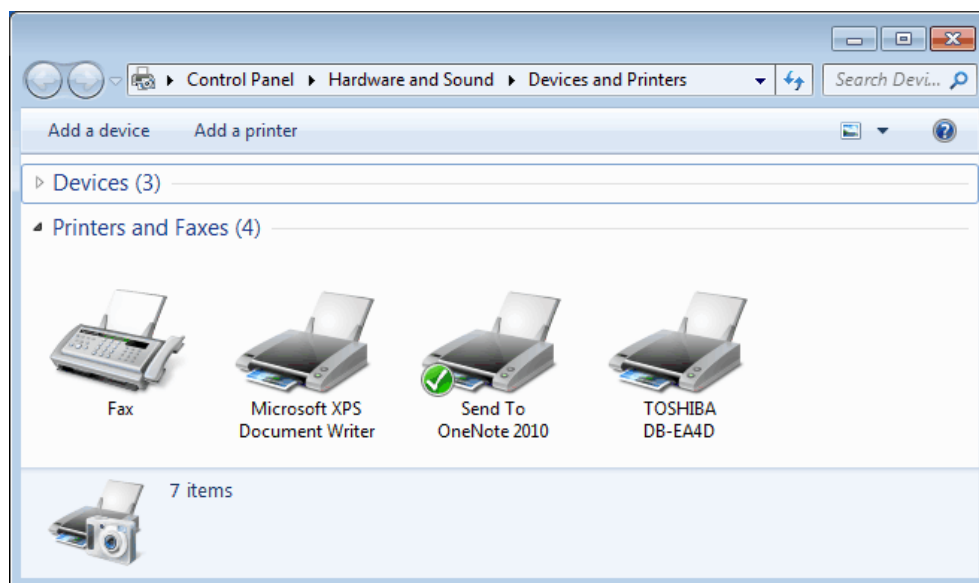
Click"Finish"tobegininstallationprocess.

You'llseethiswarning,pleaseclick"Install"to   proceed.
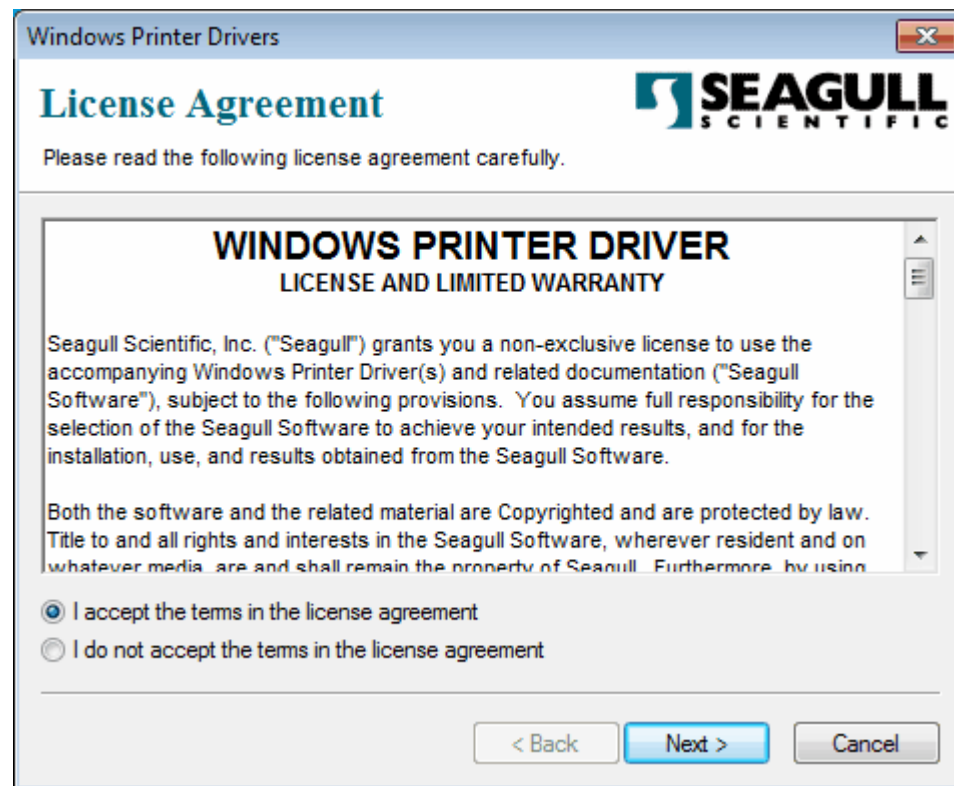

Printerdriverfor"TOSHIBADB-EA4D"isinstalled,   click"Close"tocomplete.

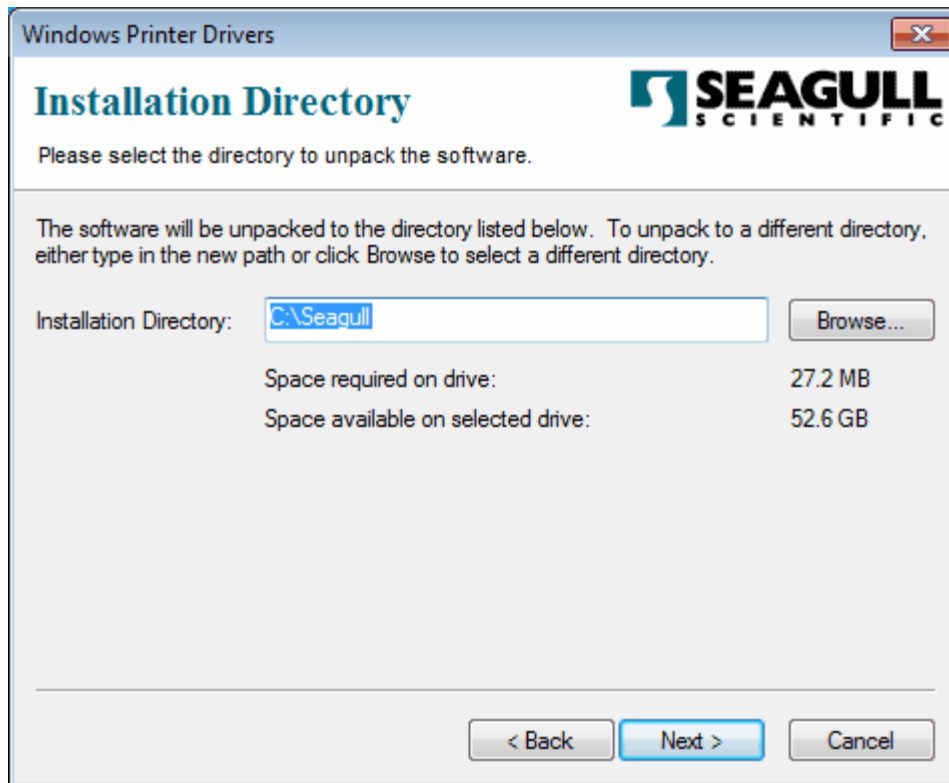Afterinstallation,you'llseebelow"TOSHIBADB-EA   4D"iconinthe"Devices andPrinters"folder.

2.1.2. InstallationonParallelI/F

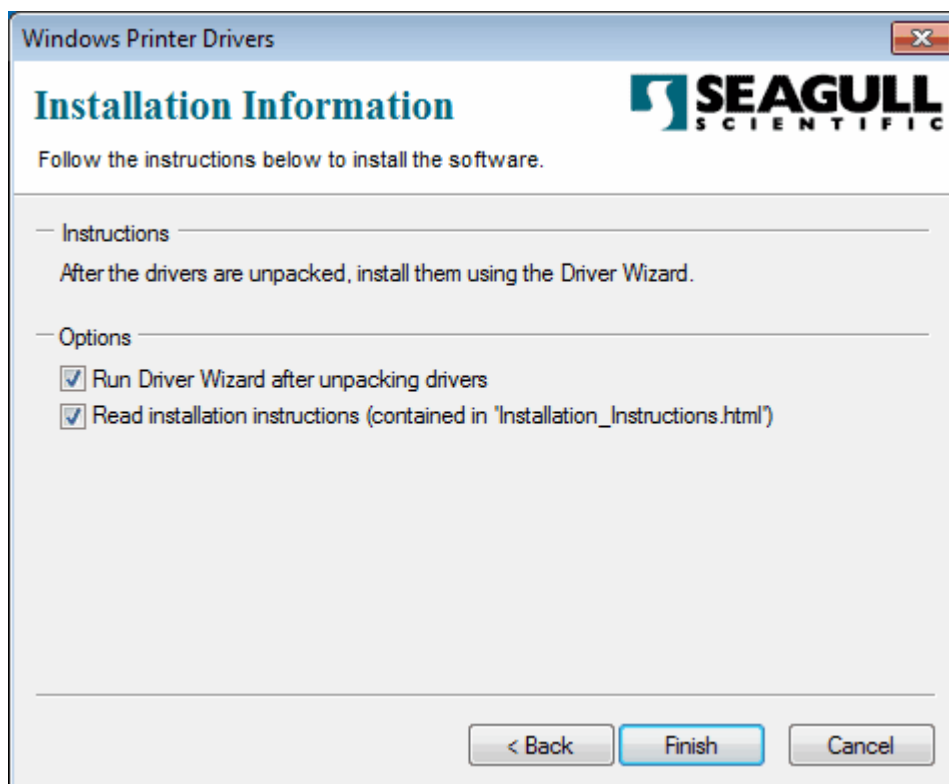Runyourprinterdriver'spackagetounpackandsta   rtinstallation.
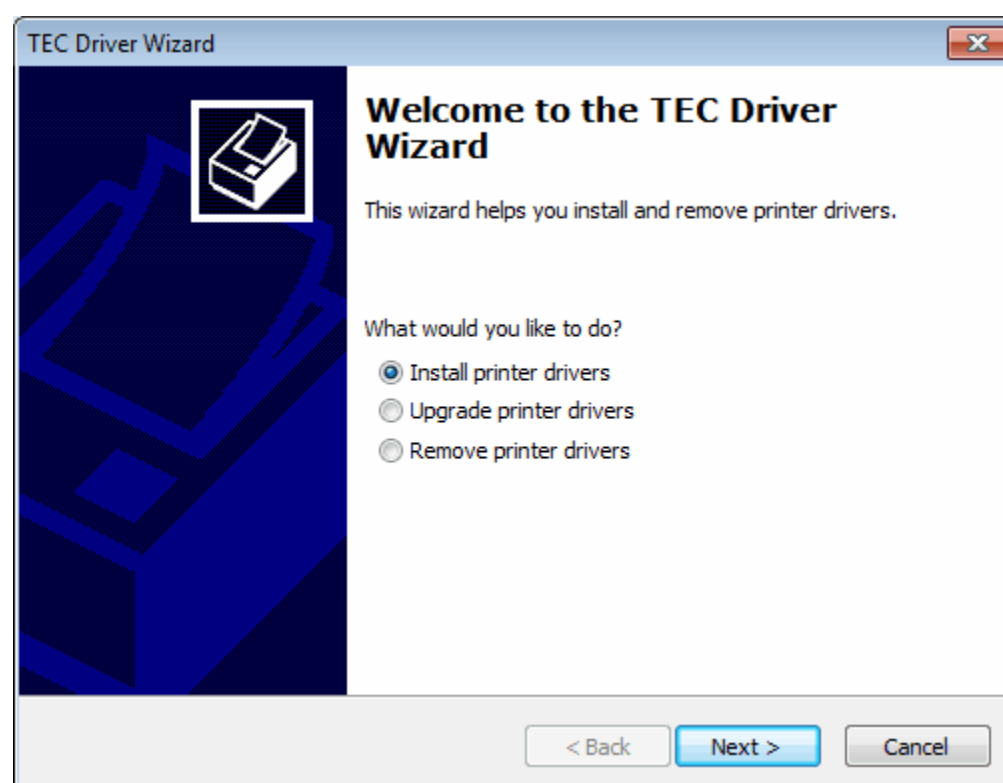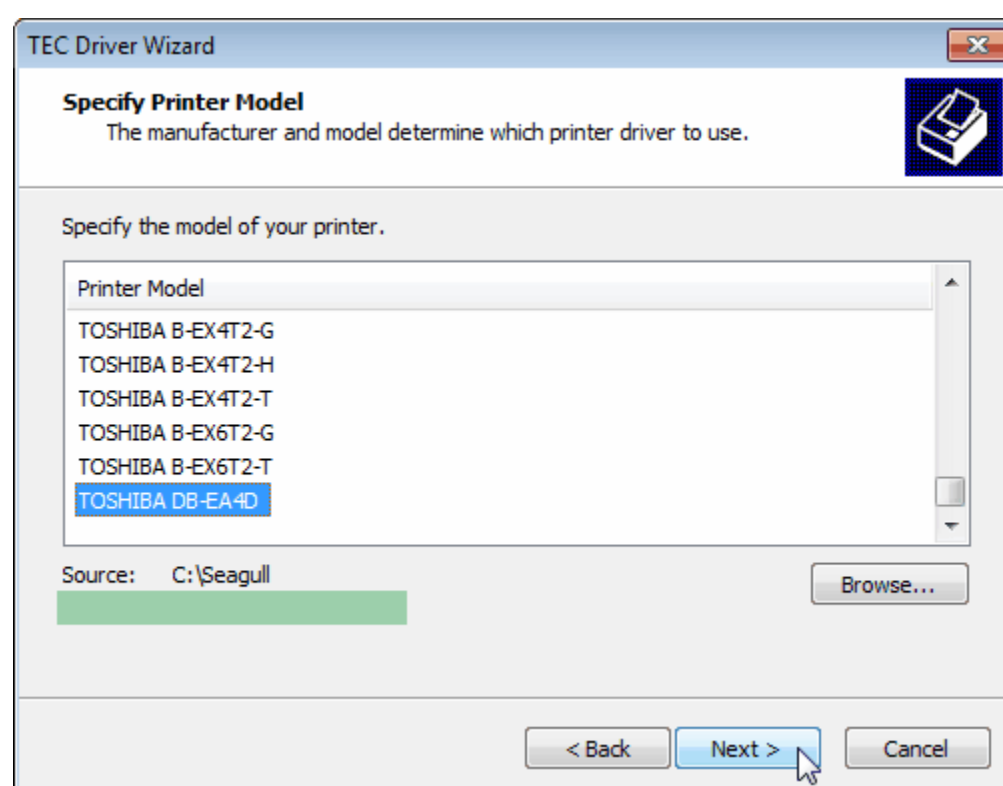

Select"Iaccept…"andclick"Next>".

Specifythedirectorytounpackandclick"Next>".
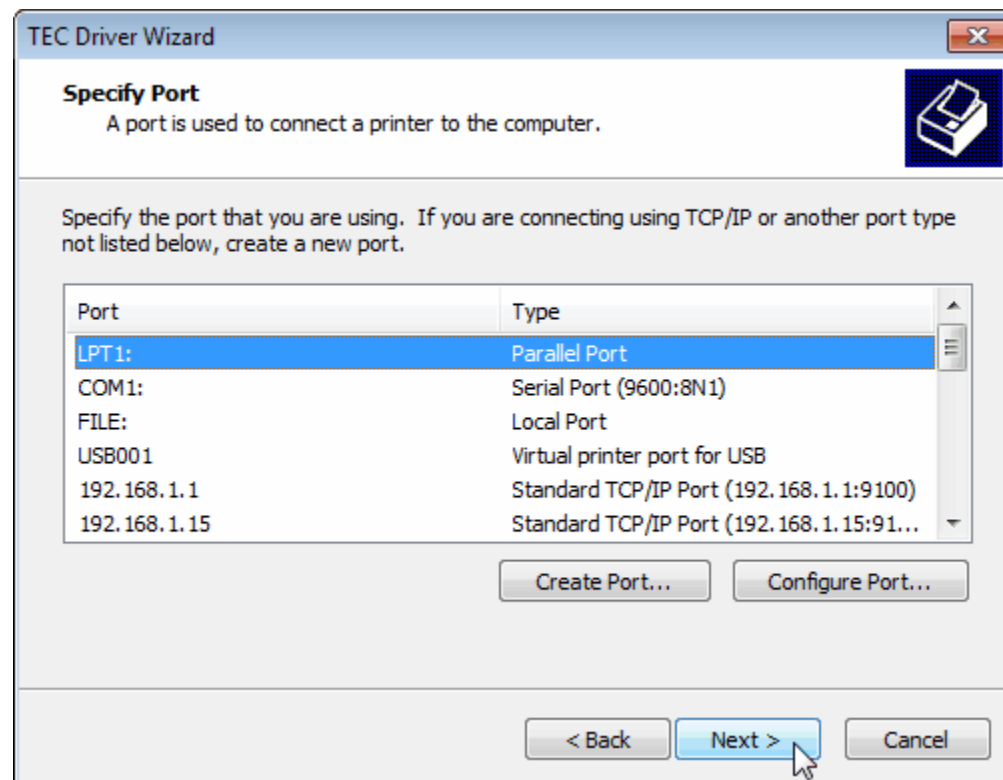

Click"Finish"tostartunpackingdriversand"Driv   erWizard"willrun
automaticallyasshownbelow.

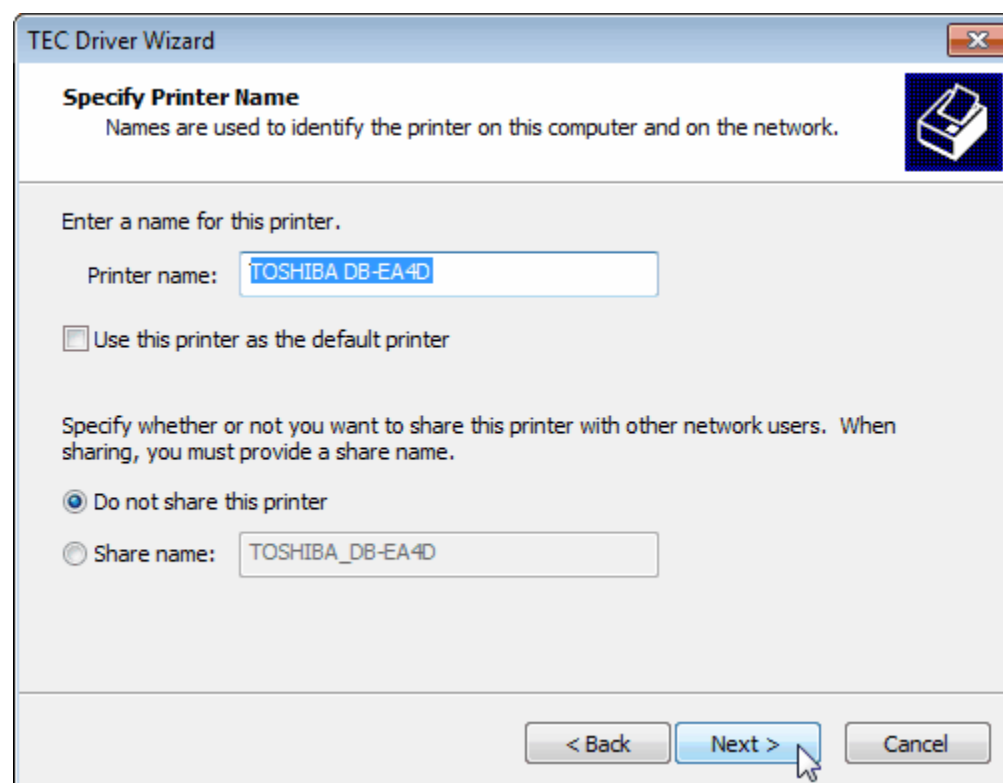Select"Installprinterdrivers"andclick"Next>"   .

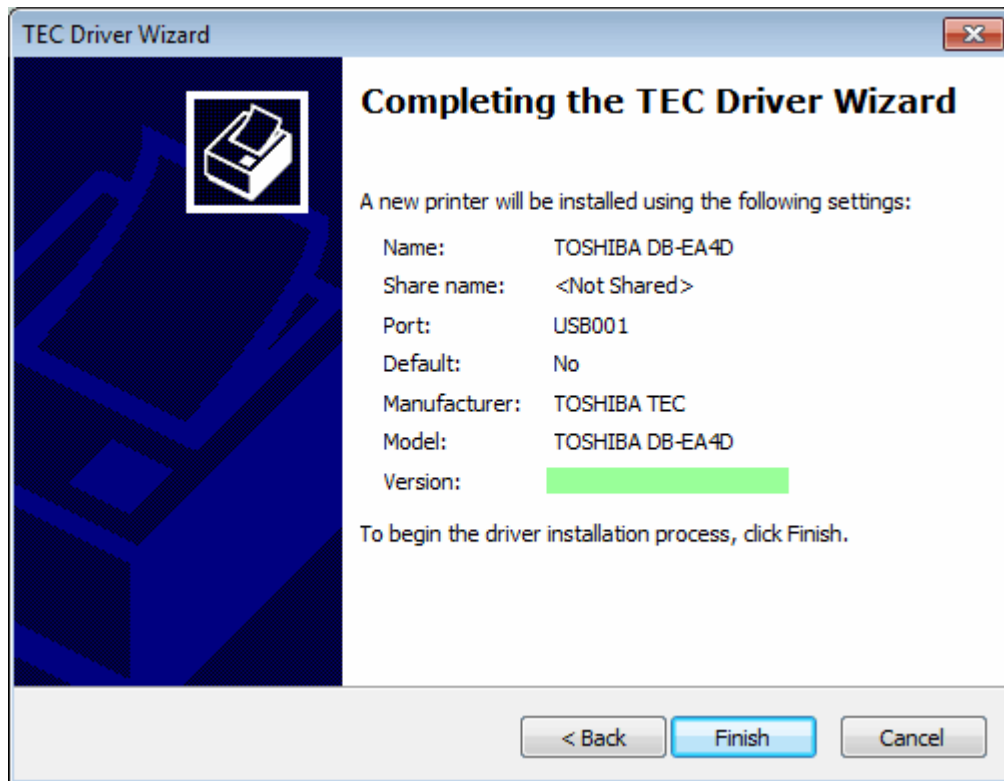Select"TOSHIBADB-EA4D"andclick"Next>".

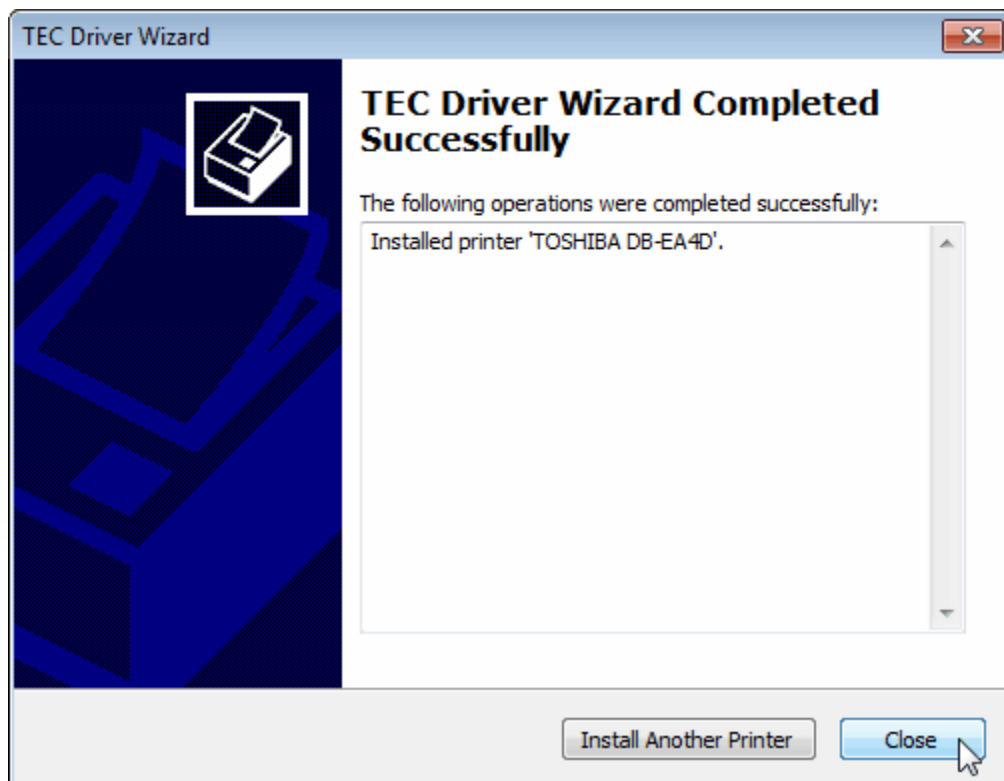Select"LPT1:"andclick"Next>".

Specify"Printername"andselect"Donotshare…"a　　ndclick"Next>".

Click"Finish"tobegininstallationprocess.
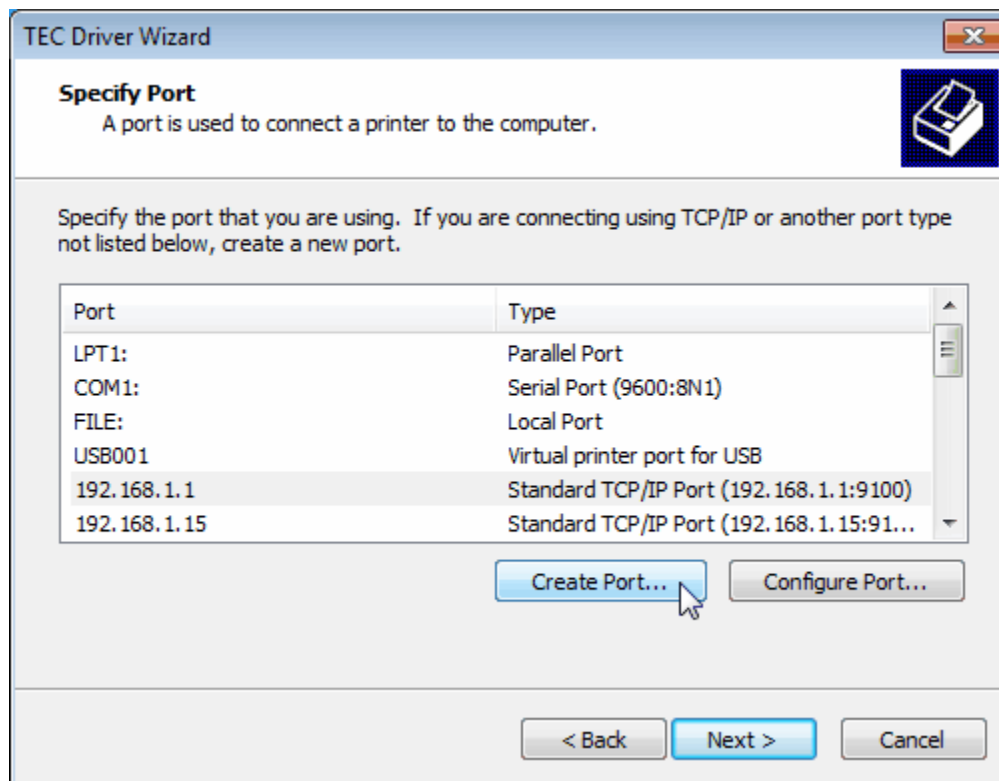

Printerdriverfor"TOSHIBADB-EA4D"isinstalled,   click"Close"tocomplete.

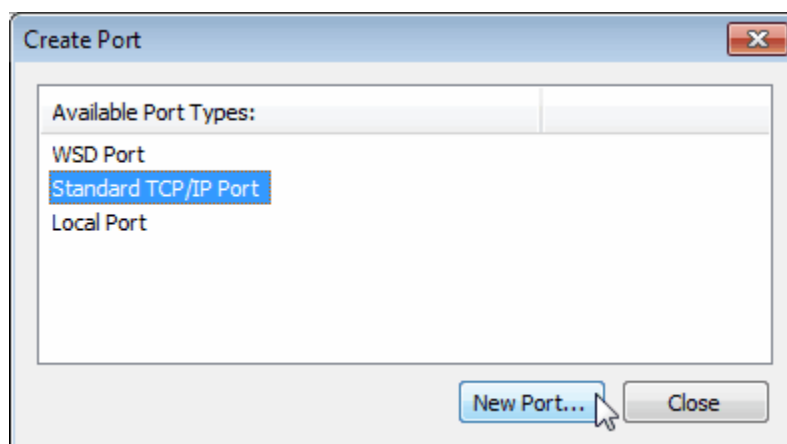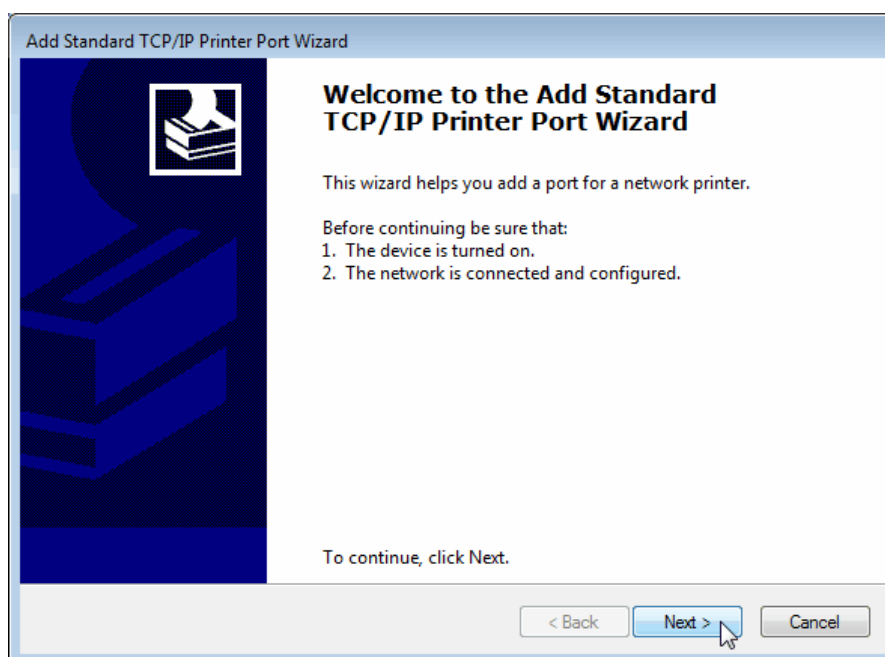### 2.1.3. InstallationonEthernet

Followthesameinstalloperationas" InstallationonParallelI/F"untilyousee thedialogtospecifyportasshownbelow.

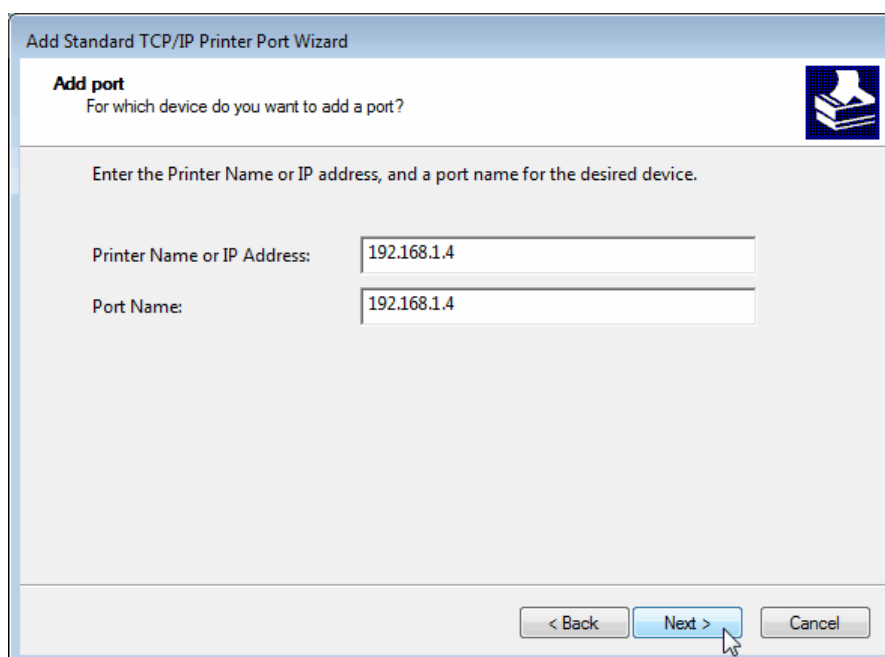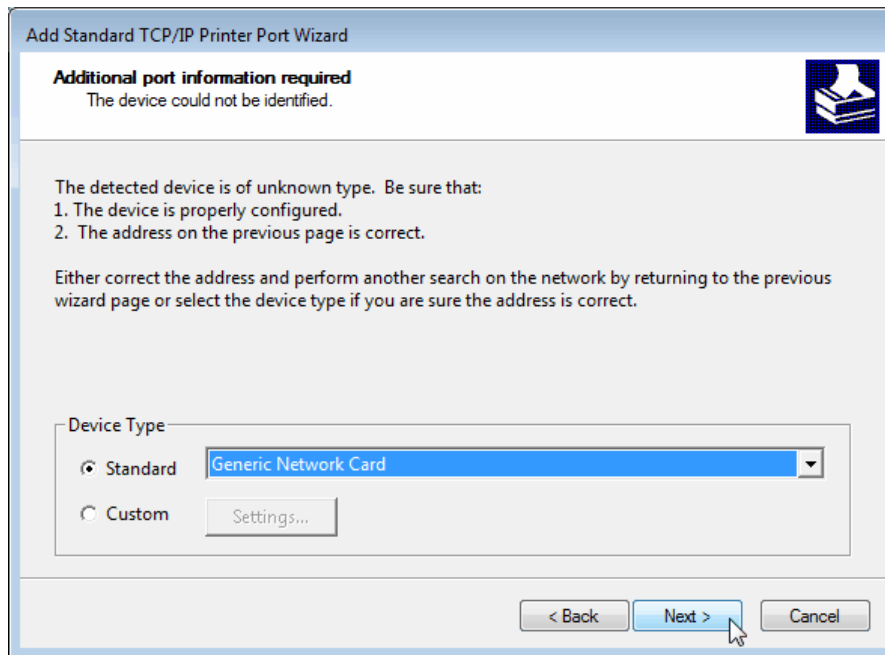IfyouhavenoTCP/IPPortwhichhassameIPAddres sasprinterhas,click "CreatePort…".

Select"StandardTCP/IPPort"andclick"NewPort…" .
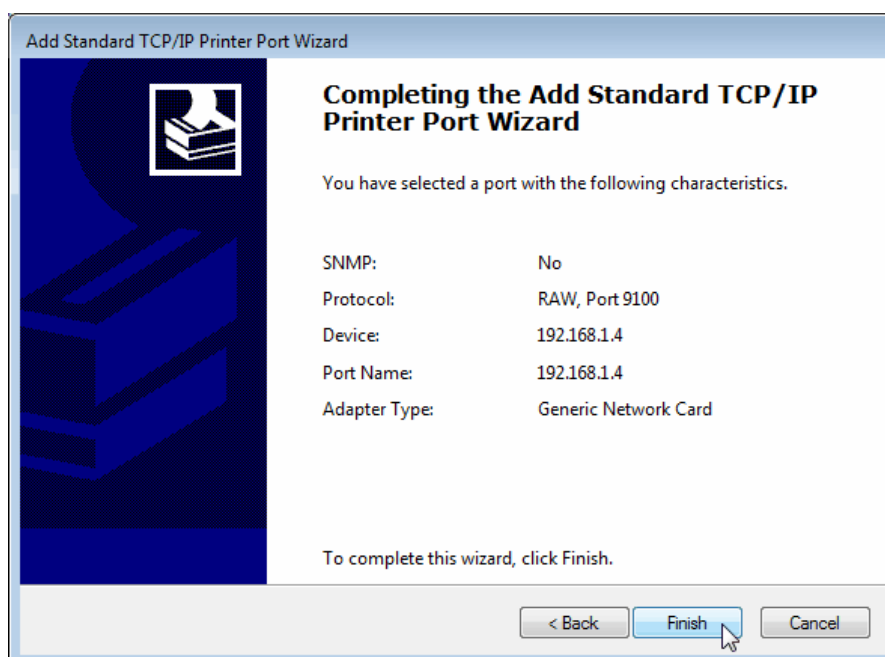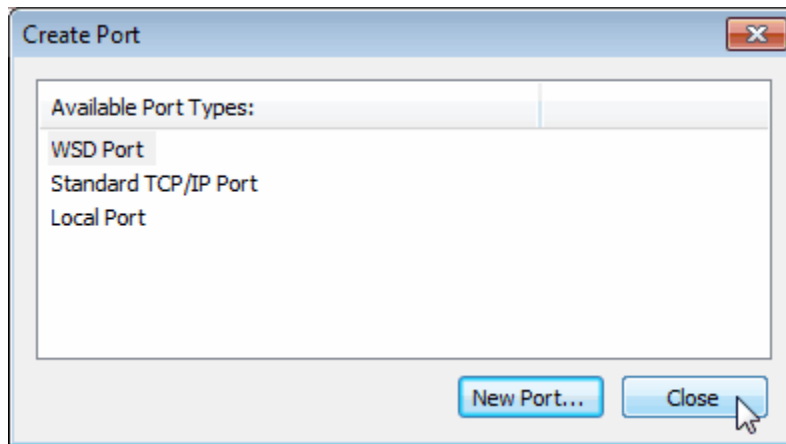
Click"Next>".

SpecifytheIPaddresswithwhichprinterisconfig   uredandclick"Next>".

Click"Next>".

Click"Finish"tocompletethewizard.

Click"Close".
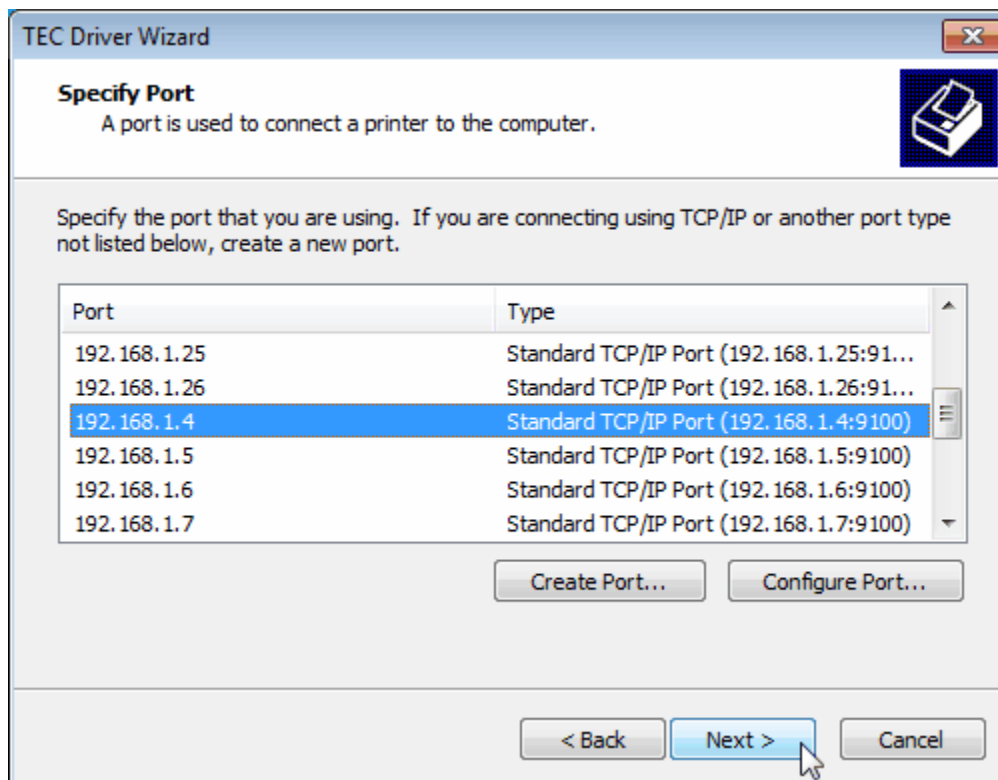
Makesurethenewportiscreatedandclick"Next>   ".
Afterthis,followthesameoperationsas"Installa   tiononParallelI/F".

2.1.4.   InstallbyPlug-N-PlaybyParallel

ConnectyourprinterwithParallelcableandturni   ton,thenrestartyourPC.
You'llseethe"Unspecified"iconiscreatedin"De   vicesandPrinters"folder.

Afterthis,pleaseproceedyourinstallationproces   sasshownin"2.1.2".

You'llseebelowdialogduringyourinstallationpr ocess.

Click"Next>"toproceedyourinstallationonthis dialog.
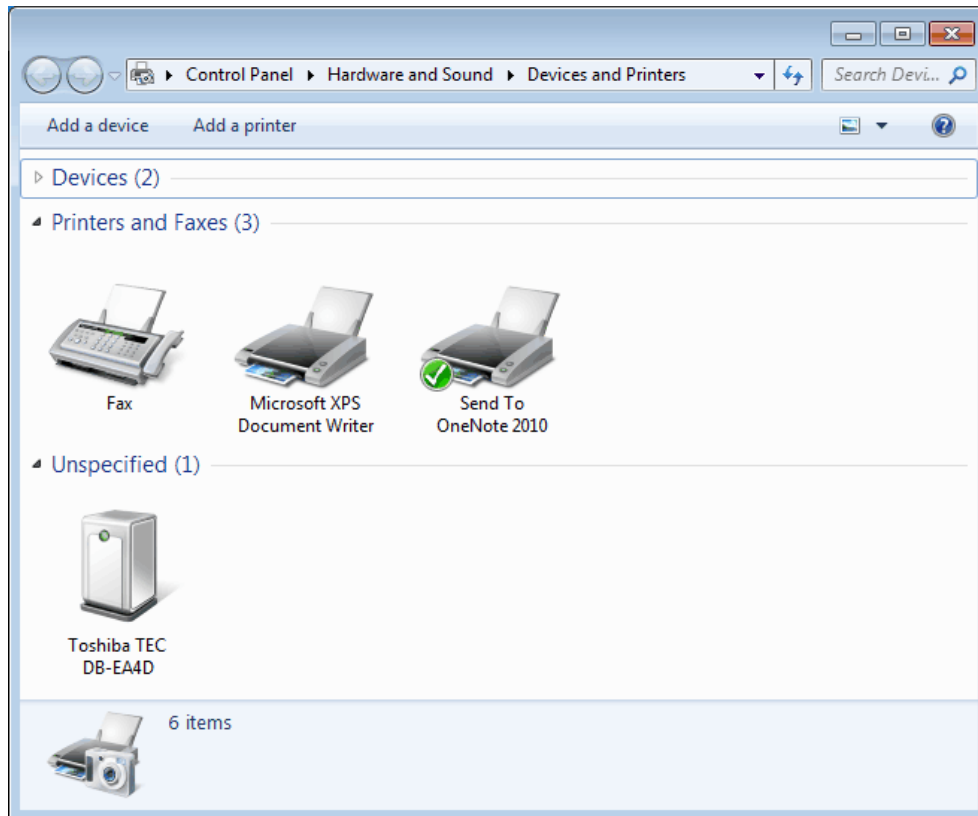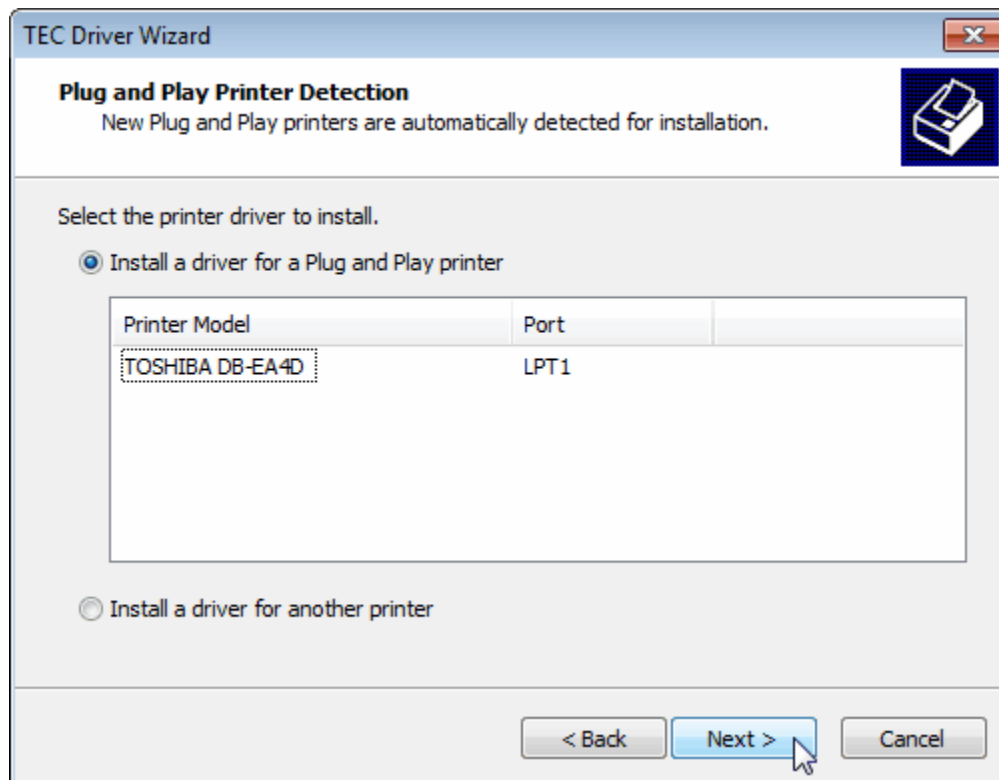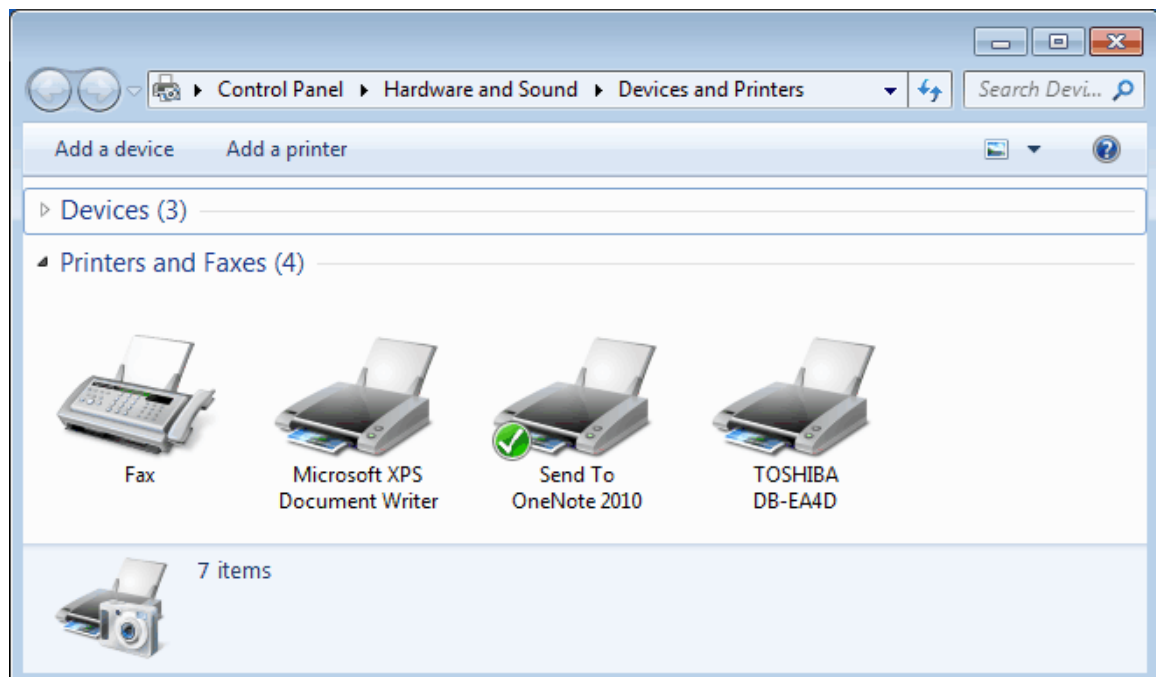
Afterinstallationcompletes,the"Unspecified"ico nisremovedand"TOSHIBA DB-EA4D"iconiscreatedasshownbelow.

2.2.HardwareWizard

WithWindowsXP,you'llseebelow"HardwareWizard"   onconnectingyour printerwithUSBorparallelI/F.

Pleaseignorethiswizardandproceedyourinstalla   tionwithprinterdriver packageor"DriverWizard.exe"extractedfromthepa   ckage.

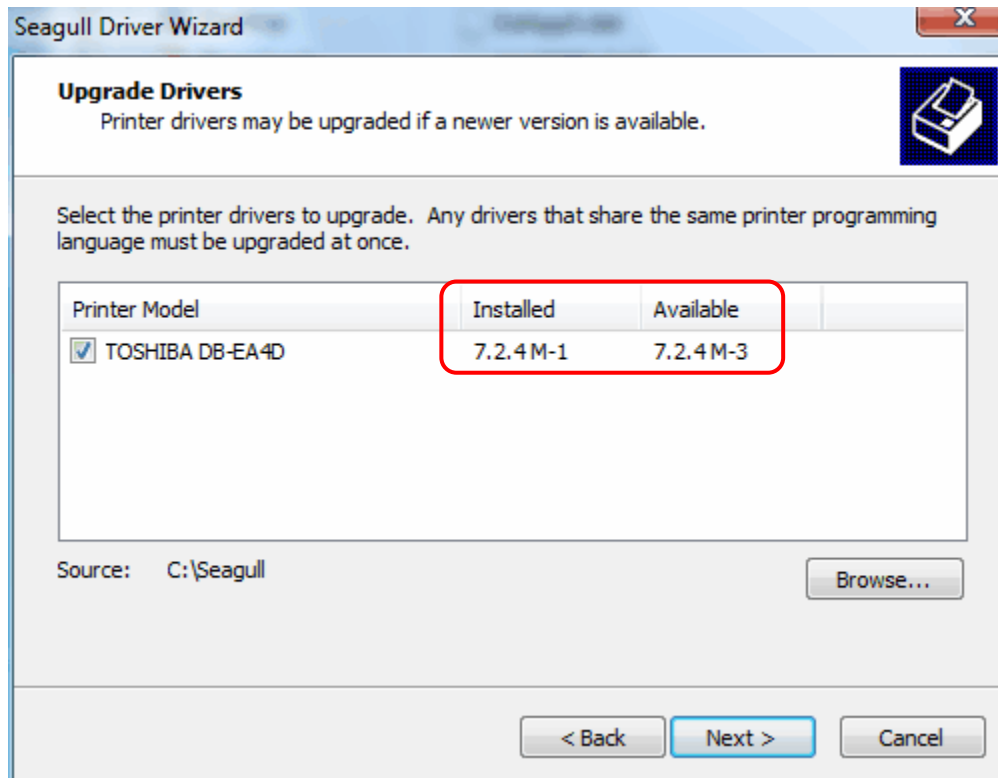Afterinstallation,you'llsee"TOSHIBADB-EA4D"in   the"PrintersandFaxes" folderasshownbelow.

2.3. UpdateDriver

Toupdateprinterdriver,runyournewprinterdriv   erpackagetostart
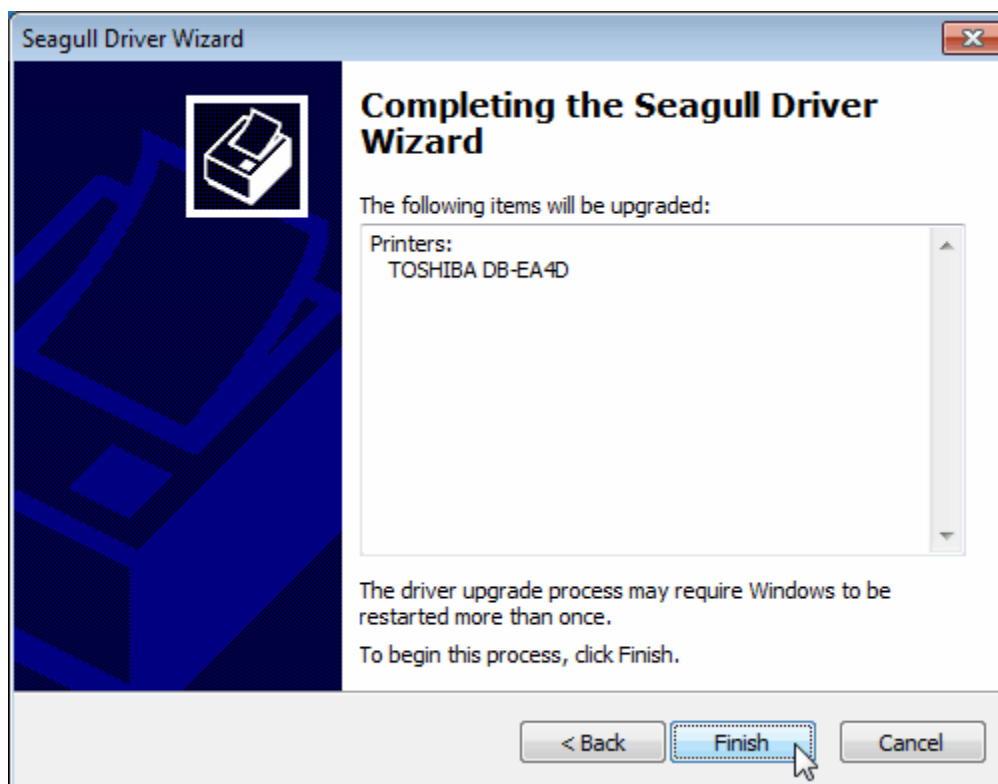installationprocessasshownin"2.1   InstallationforWindows7(32-bit,64-bit)   ".

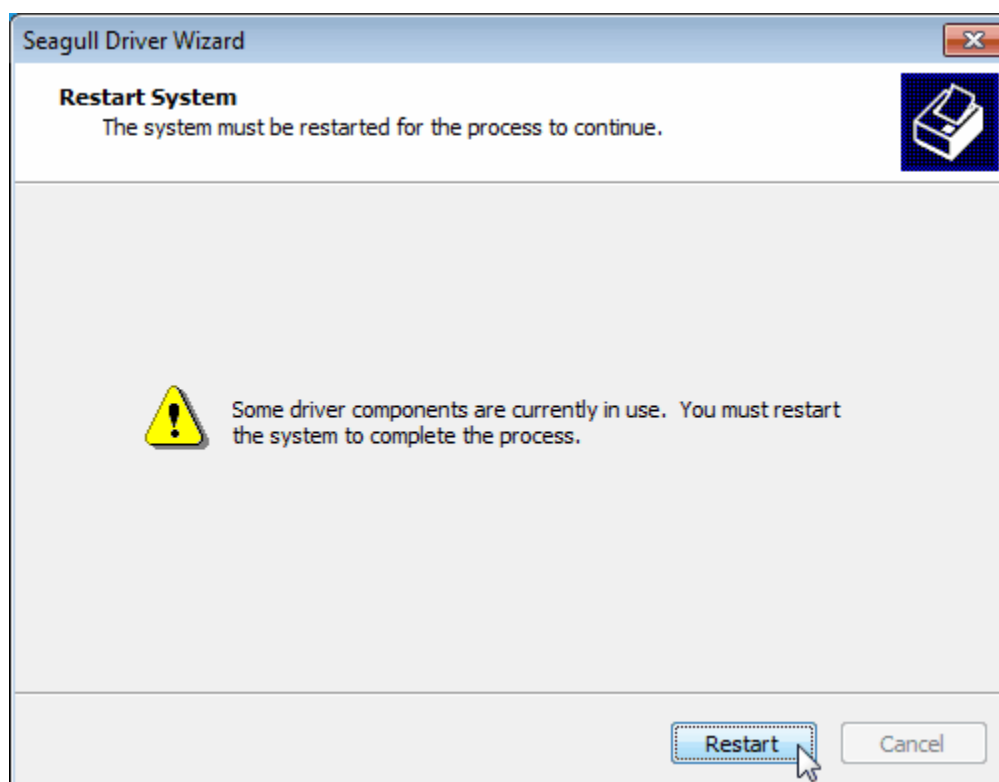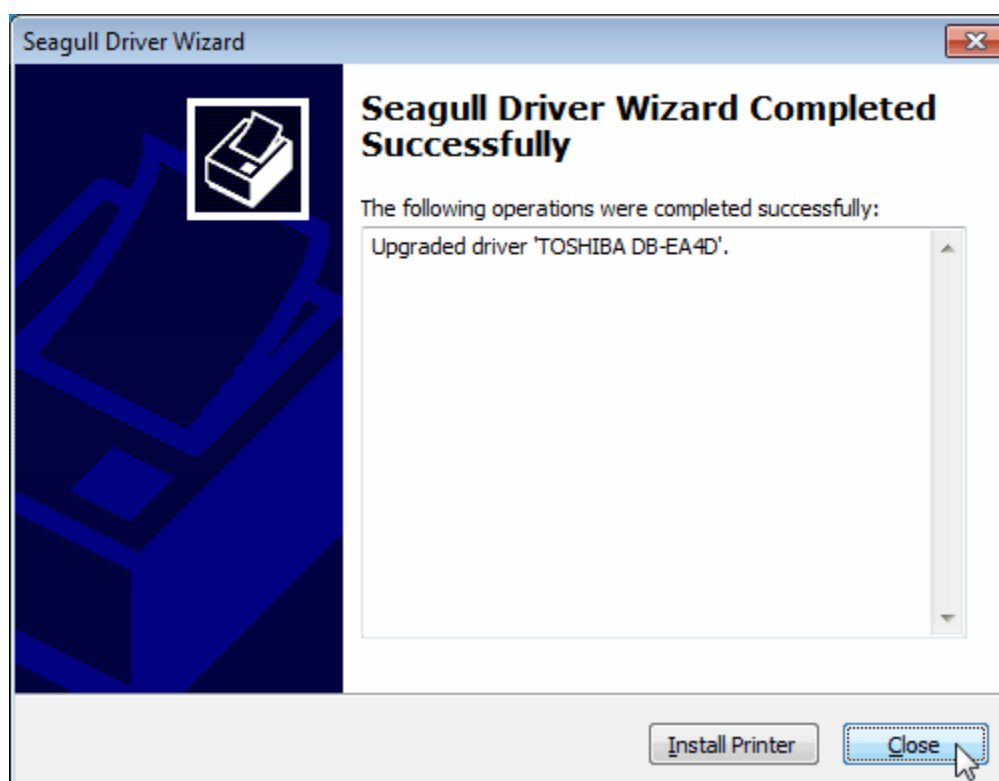Whenyouseebelowdialog,pleaseselect"Upgradep   rinterdrivers"andclick
"Next>"toproceed.

Makesuretheversioninstalledandtobeupdateas shownabove. Click"Next>".

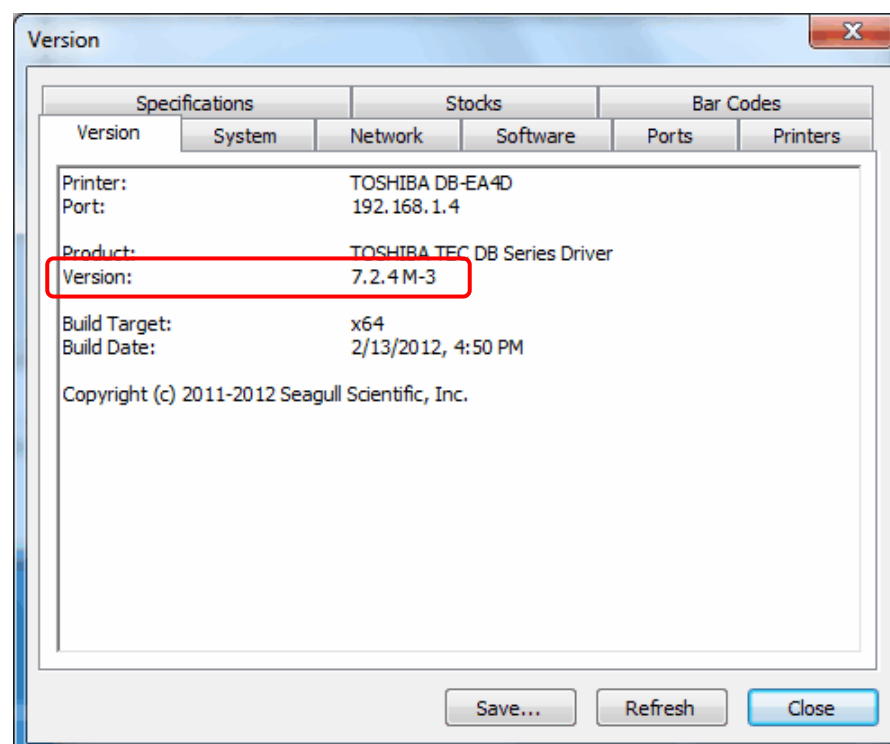Click"Finish"tocompletetheWizardandstartupd atingprinterdriver.

Click"Restart".
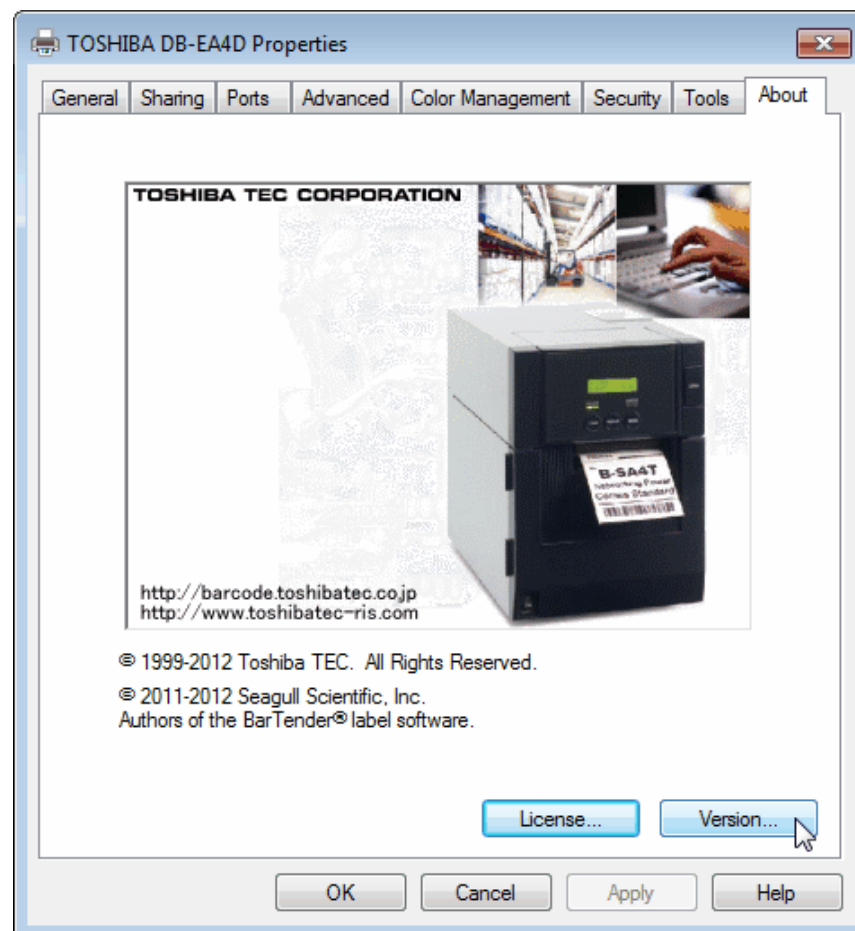

Afterrestartingyoursystem,updateofprinterdri   vercompletes.
Click"Close"tocomplete.

Toconfirmtheprinterversion,open"About"tabof　　　printer'spropertiesas shownbelowandclick"Version…"

3.PrinterPropertiesandSettings
3.1.PrinterConfiguration

Belowtableshowstheprinterconfigurationsavaila   blefrom"Printer Properties".

Table3-1AvailablePrinterConfiguration

| Category	Configuration	SubItem	Availableoptionsorrange
Media	MediaType	-	Continuous/ LabelsWithGaps/ LabelsWithBlackMarks/ LabelsWithPerforation/ CutSheet
	FormWidth	-	58mm/80mm/4in/5.1in
	FormLength	-	2.76in-21.84in
	CutOffset [1]	-	-0.25in-2.9in
Options	PrintSpeed	Use variableprintspeed	Enable/Disable
		MaxPrintSpeed [2]	3.00in/sec/4.00in/sec/5.00in/sec/6.00in/ sec
		PrintSpeed	3.00in/sec/4.00in/sec/5.00in/sec /6.00in/sec
	Darkness	FrontHead	0-15
		BackHead	0-15

*1 Availableonlyif"LabelsWithBlackMarks"iss   elected.
*2 Availableonlyif"variableprintspeed"isenab   led.

Inordertoconfigureprinter'soption,clickright   buttonandselect"Printer properties"onthe" **TOSHIBADB-EA4D** "icontoopenprinter'sproperties.
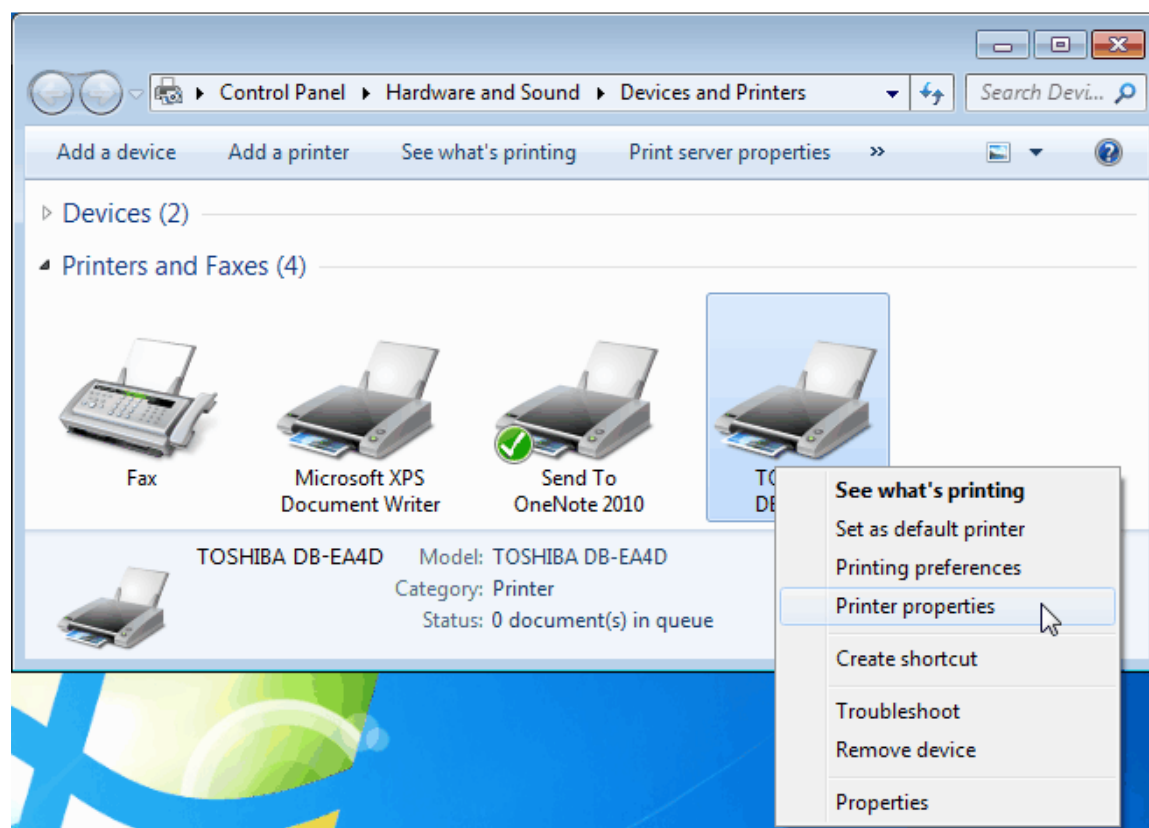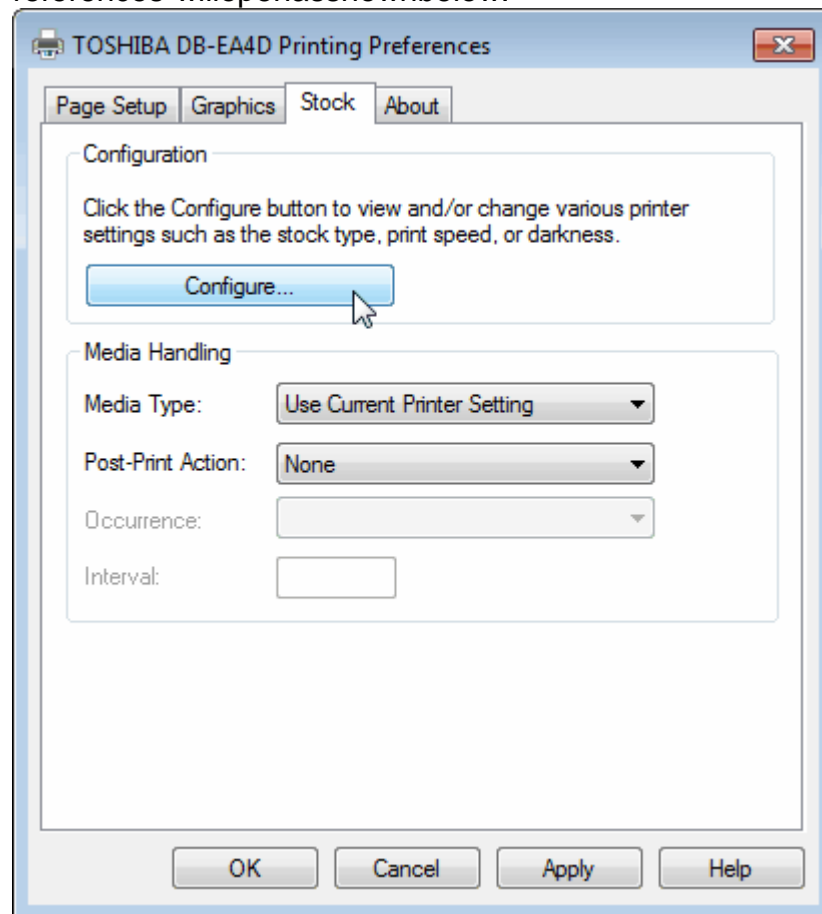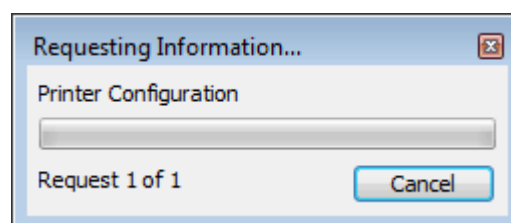
"PrinterProperties"willopenasshownbelow.
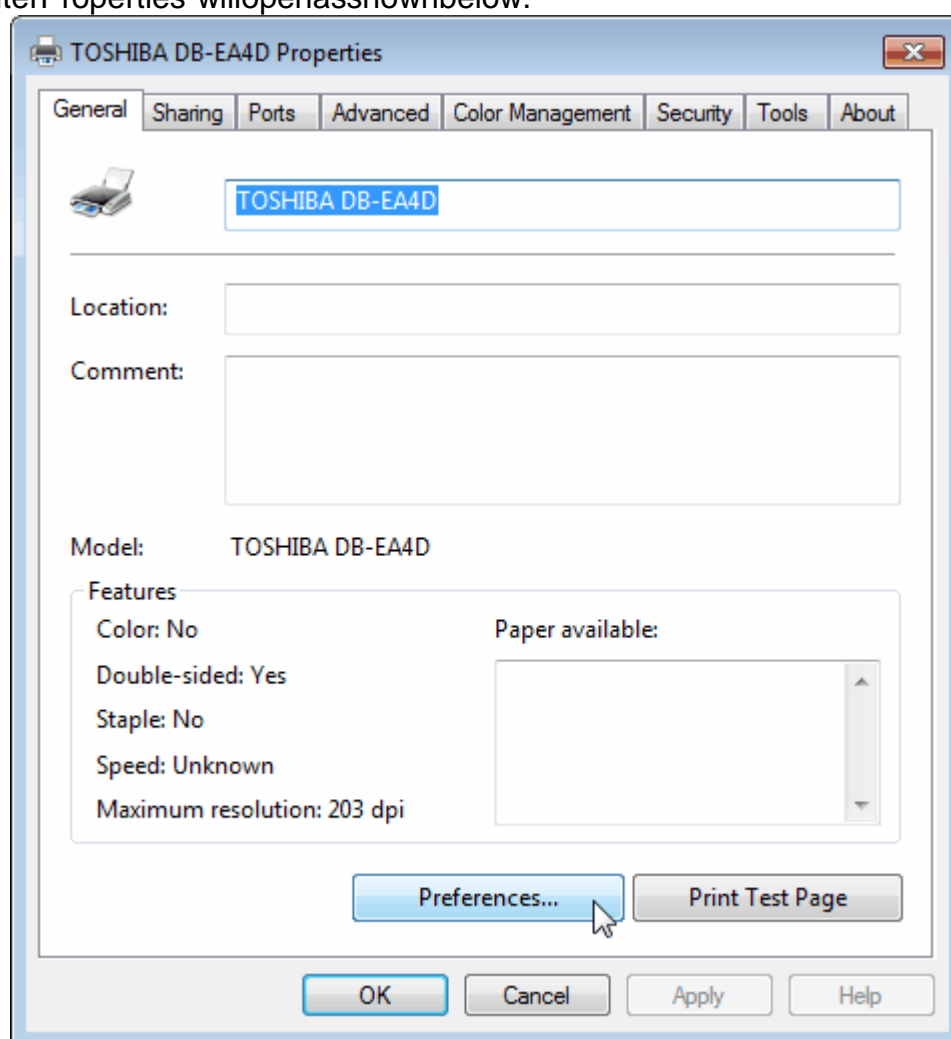
Click"Preferences…".

"PrintingPreferences"willopenasshownbelow.

Click"Configure…"
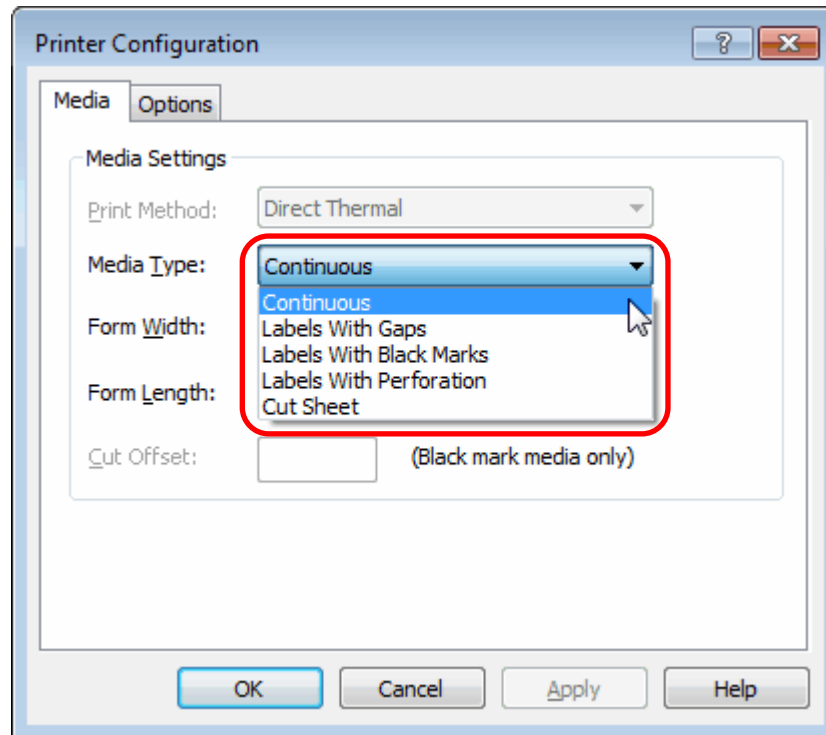

Belowwindowwillbeshownduringcommunicatingwit   hprinter.

3.1.1. MediaSettings
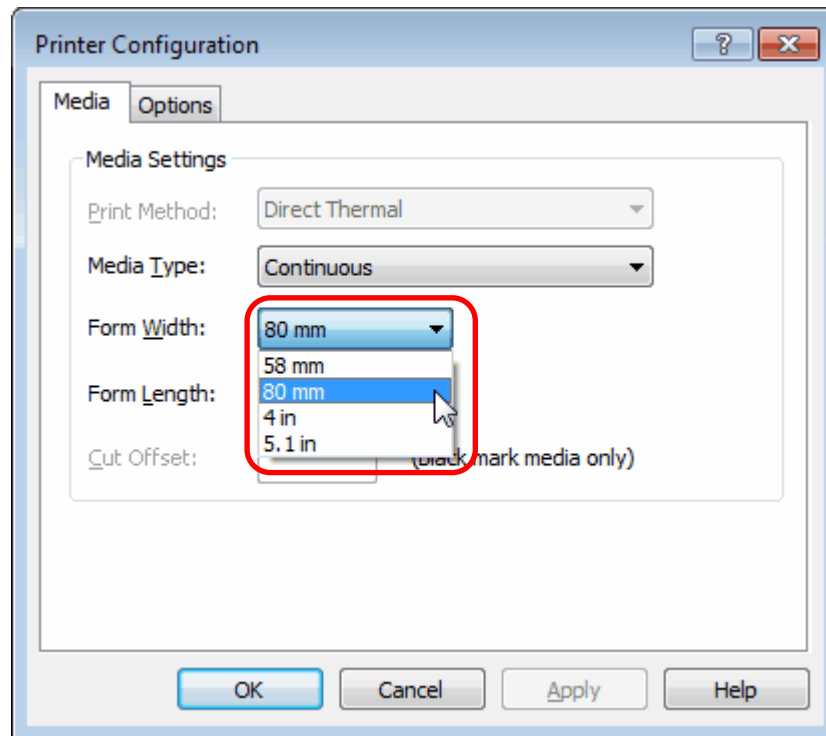
"PrinterConfiguration"willopenandyou'llseecu   rrent"MediaSettings"as
shownbelow.
Inordertochangeitsconfigurations,pleasefollo   wtheoperationsbelow.
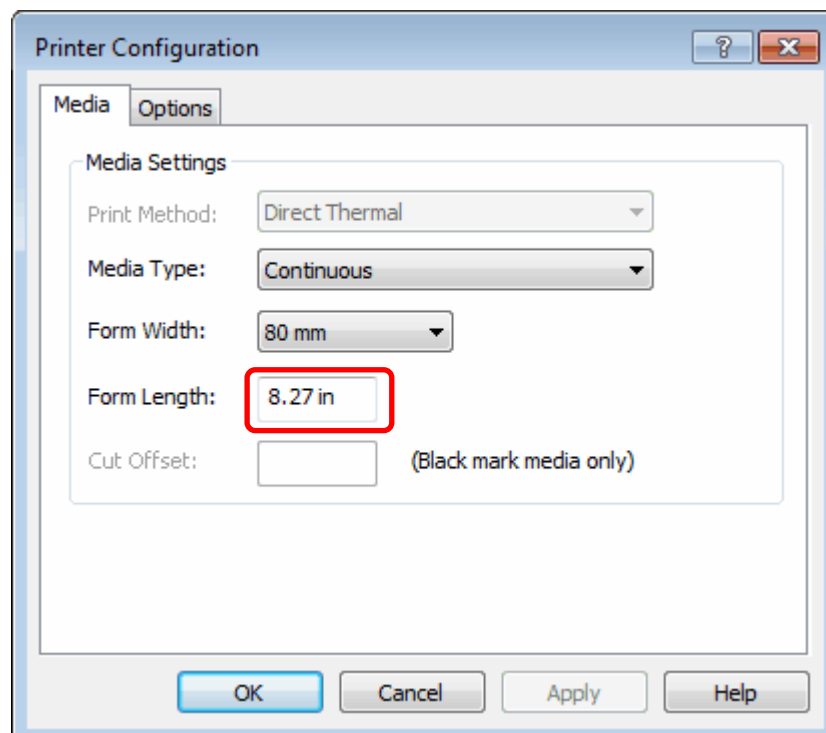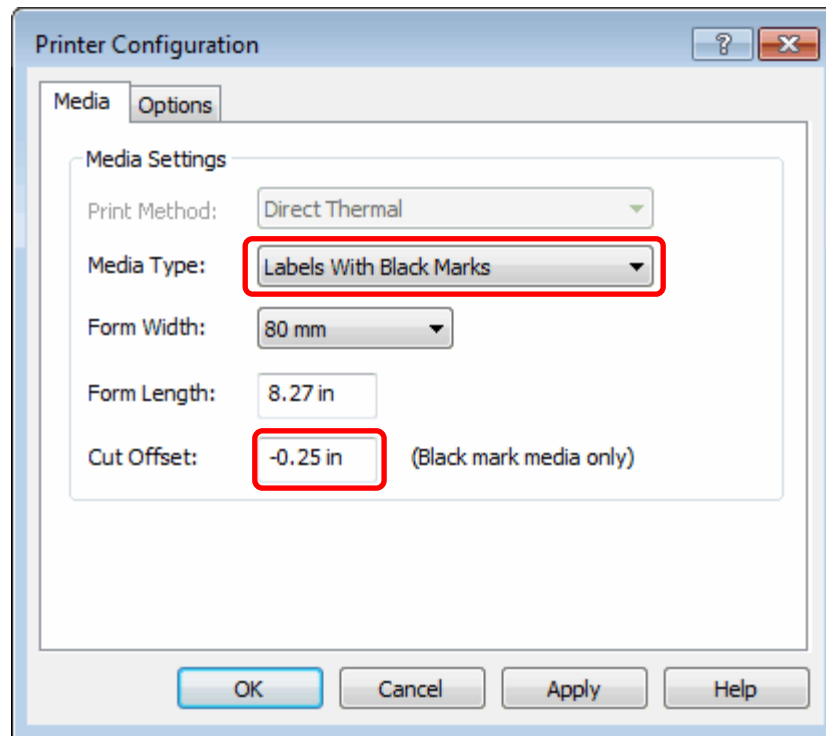

5optionsareavailablefor"MediaType"asshowna   bove.

4optionsareavailablefor"FormWidth"asshowna　　bove.

About"FormLength",youcaninputinthetextbox　　shownabove.

If you select "Labels With Black marks" for "Media Type", you can define the "Cut Offset" which is the distance between black mark and the cut position.

After you finish your setup, click "Apply" to change printer's configuration.
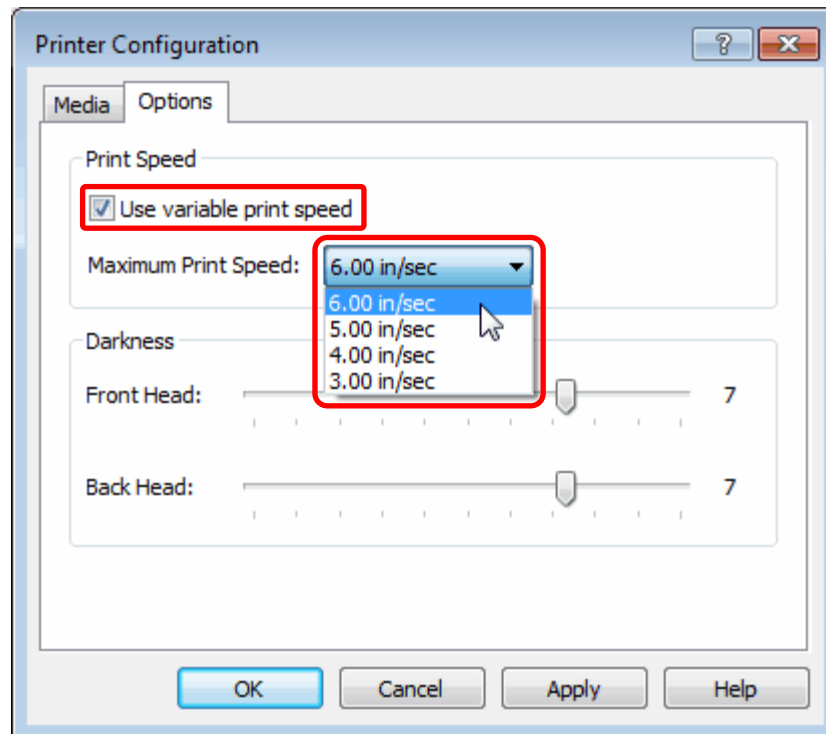
3.1.2. PrintSpeedandDarkness

Select"Options"tabandyou'llseecurrentconfigu   rationof"PrintSpeed"and
"Darkness"asshownbelow.
Inordertochangethoseconfigurations,pleasefol   lowtheoperationsbelow.
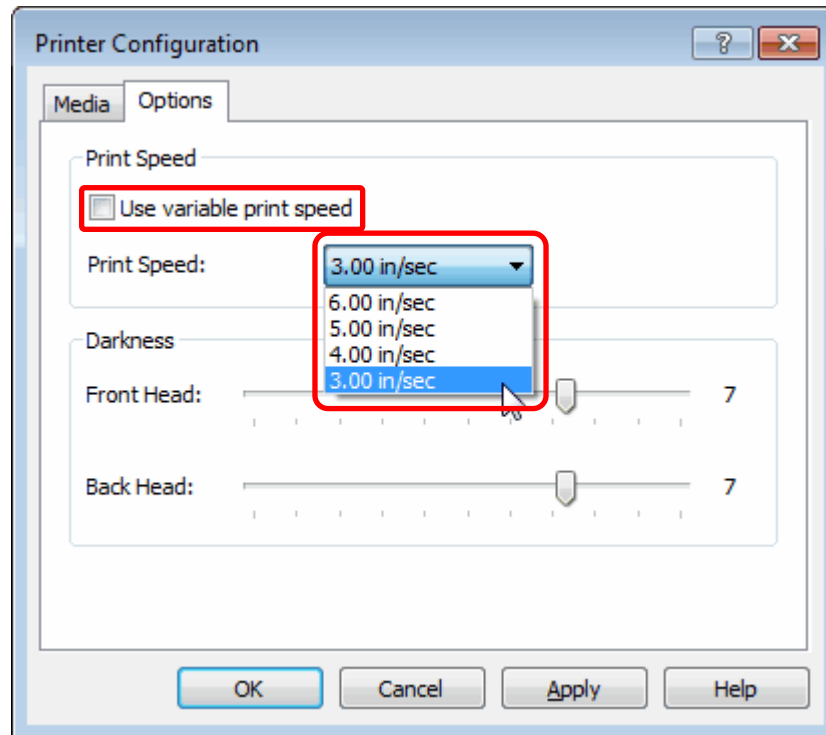
Incase"VariablePrintSpeed"isdisabled,"Print   Speed"isavailablefrom
3.00in/secto6.00in/secasshownabove.

In case "Variable Print Speed" is enabled, printer will automatically adjust its printing speed. But you can specify printer's "Maxi mum Print Speed" from 3.00in/sec to 6.00in/sec as shown above.
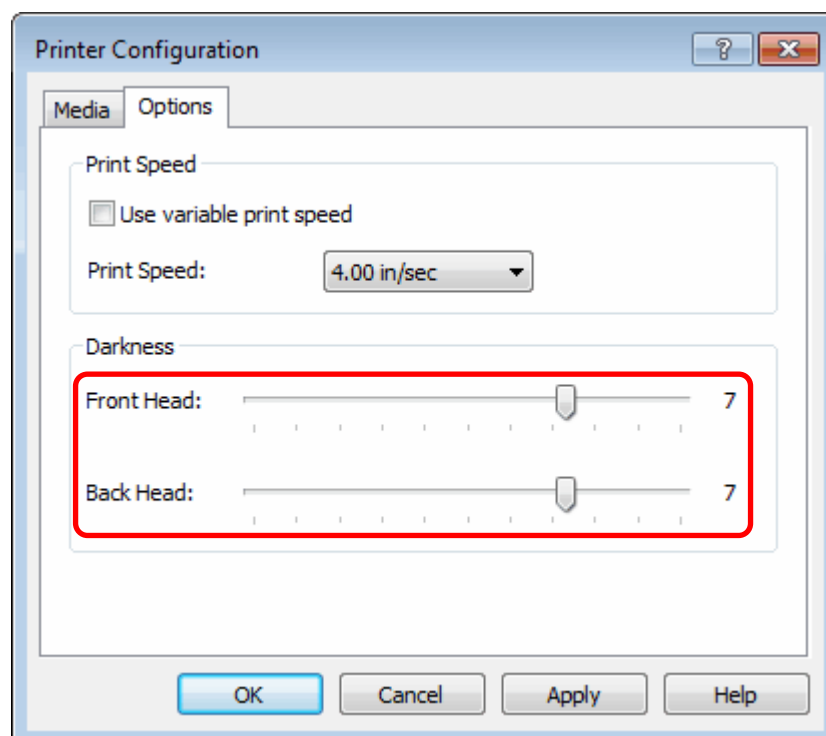
About "Darkness" option, move the slider to left/ri ght to change its configuration.
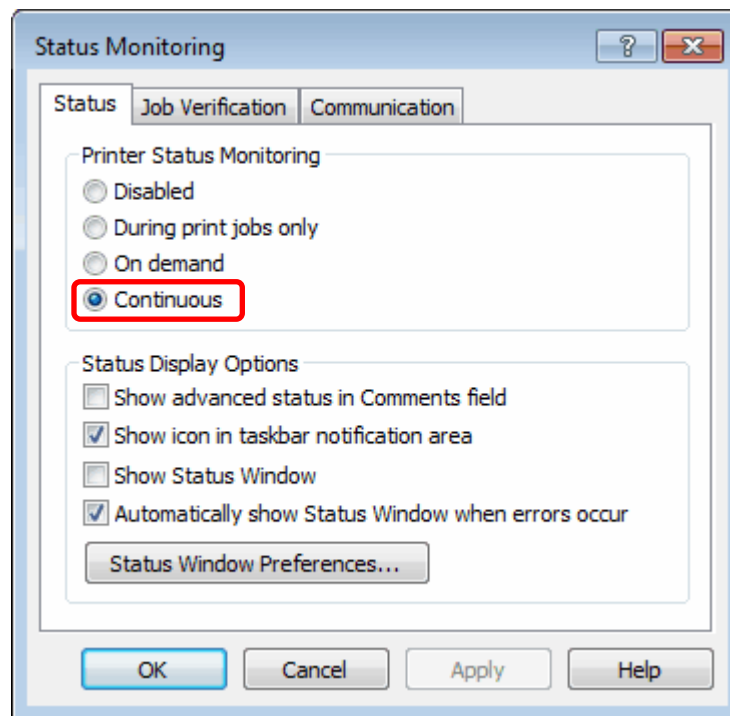
After you finish your setup, click "Apply" to chang e printer's configuration.

3.2. PrinterStatus
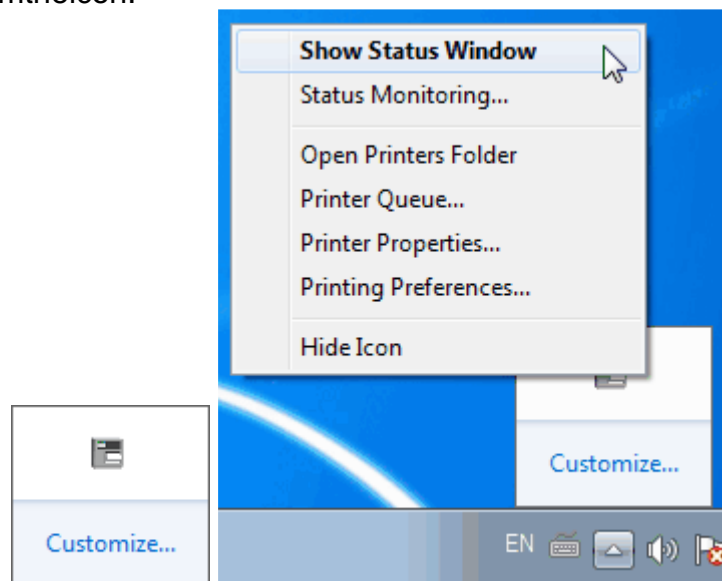
Tocheckprinter'sstatus,pleaseconfigure"Status   Monitoring".
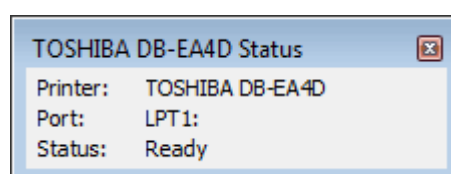Openprinter'spropertyandselect"Tools"tabass   howbelow.
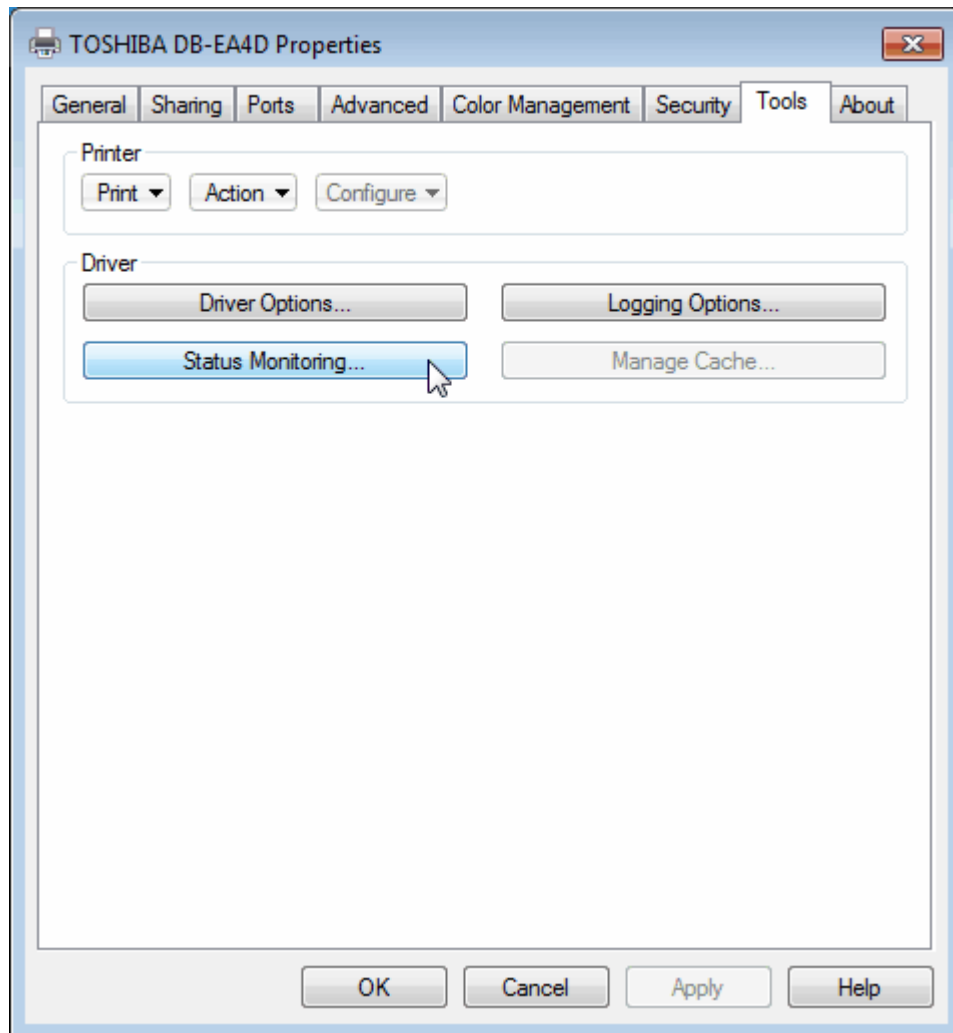
Here,select"Continuous"asshownabovetoseehow   thisfeatureworks. Forthedetailsofeachoption,pleaserefertohel   p.

Aniconisshownintaskbarnotificationareaandy   oucanopen"Status Windows"fromtheicon.

Clickrightontheiconabovetoshowamenuandse   lect"ShowStatus Window"toshowbelowwindow.

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With regard to the other printer's status, please   ee below table for the details.

Table3 -2Printer' s statusandmessage

	Printer'sStatus	MessageshownonWindows
Error	PaperJamError	PaperJam
	CutterJamError	CutterError
	HeadTemperatureError	HeadTemperatureHigh
	BlackMarkError	BlackMarkDetectionError
	PaperEmpty	Outofpaper
	Coveropen	CoverOpen
	UnableToLoadPaperError	Outofpaper,PaperLoad Error
	CAMMotorJamError	CAMMotorJamError
	LabelError	GapDetectionError
	PerforationError	PerforationDetectionError
	EEPROMError	MemoryRead/WriteError
	ThermalHeadError	HeadError
Warning	LabelPageOverWarning	Ready,DataExceedsLabelL ength
	PerforationPageOverWarning	Ready,DataExceedsP erforationGap
	CutSheetPageOverWarning	Ready,DataExceedsCut SheetLength
	BlackMarkPageOverWarning	Ready,DataExceedsBl ackMark
	DocumentLengthPageOverWarning	Ready,DataExcee dsDocumentLength
	24VAnomalyWarning	Ready,PowerSupplyWarning
	HeadTemperatureHighWarning	Ready,PrintHeadOve rheatedWarning
	NonCGWarning	Ready,NonCGWarning.
	SensorAdjustmentFailWarning	Ready,SensorAdjust mentWarning
	EEPROMWarning	Ready,MemoryWarning
	ThermalHeadWarning	Ready,PrintHeadWarning

3.3. DeviceSetting

Toconfigureyourmediatoprint,open"PrinterPro   perties"asshownbelow.
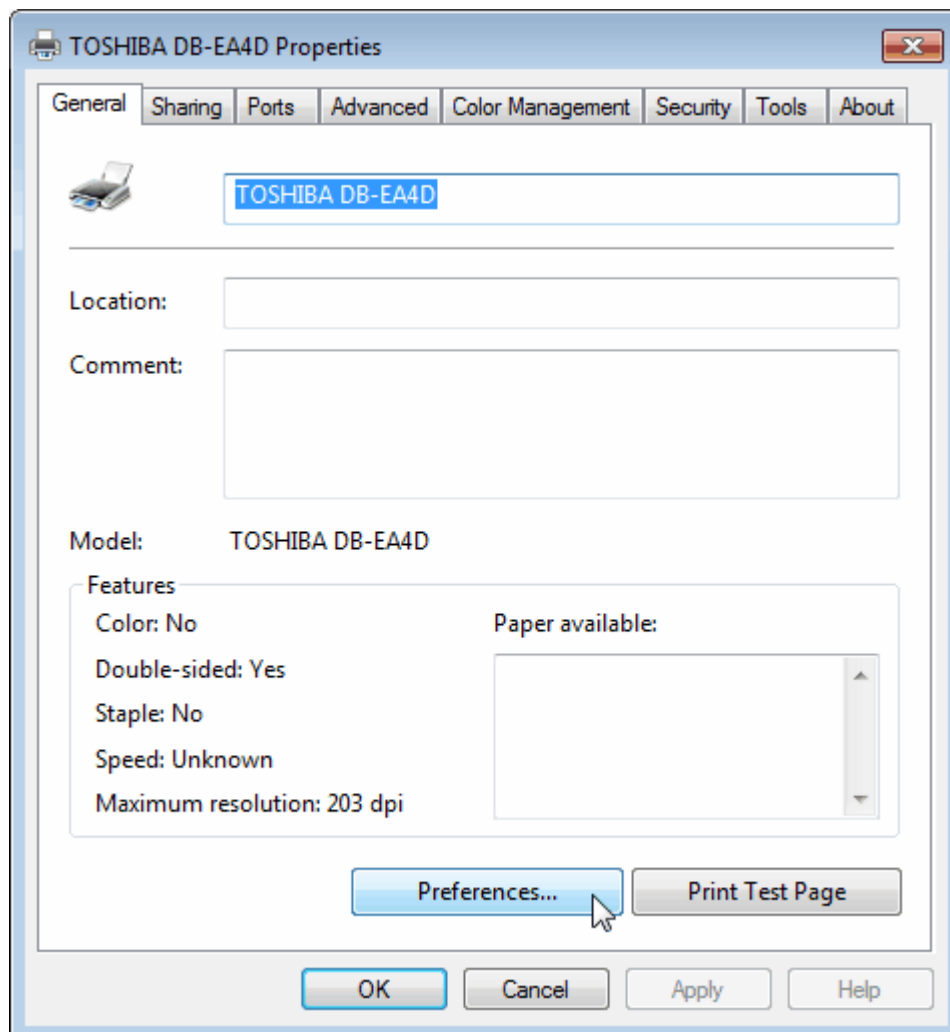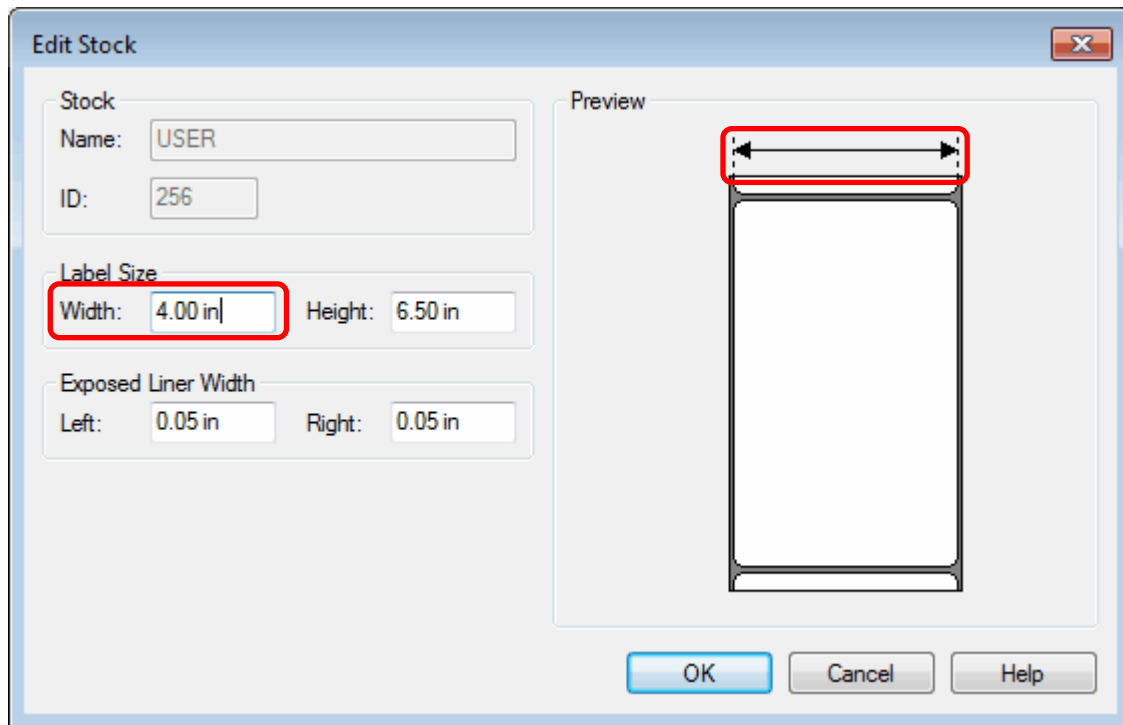

Click"Preferences…".
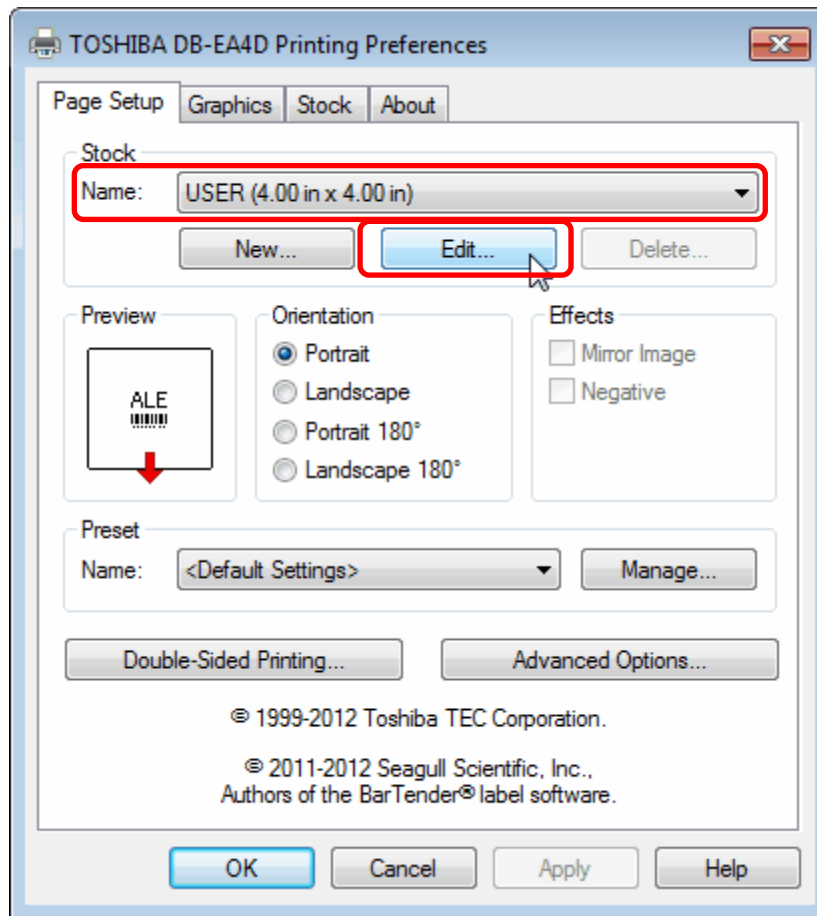
In this configuration, the media to print is called as "Stock" as shown above, and we'll give you the example how to configure you r"media" with "USER (4.00in x 4.00in)" stock.
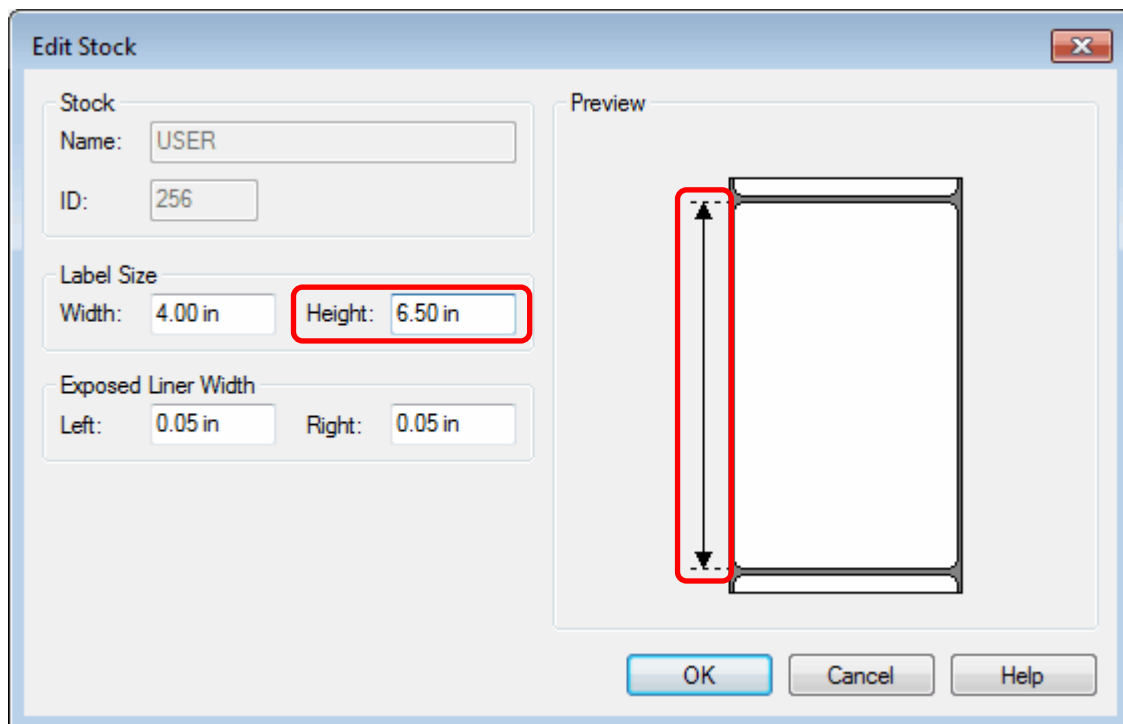
*"USER(4.00in x 4.00in)" is the only configurable stock by default but you can create any new stock on this "PageSetup" tab.
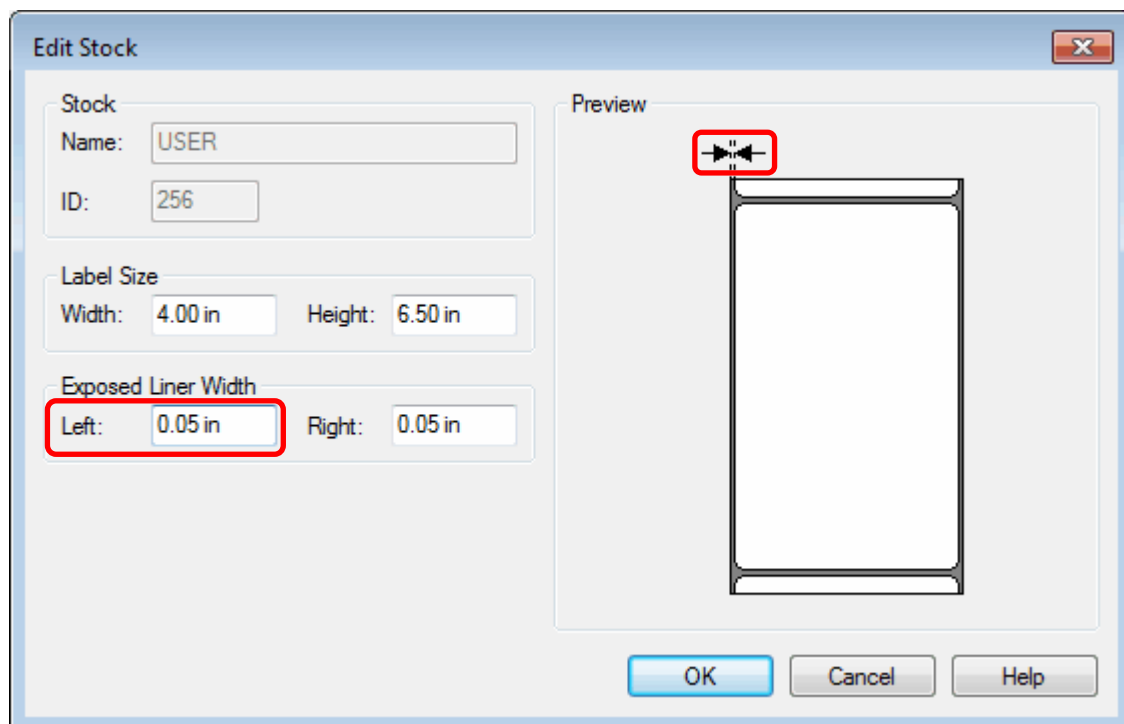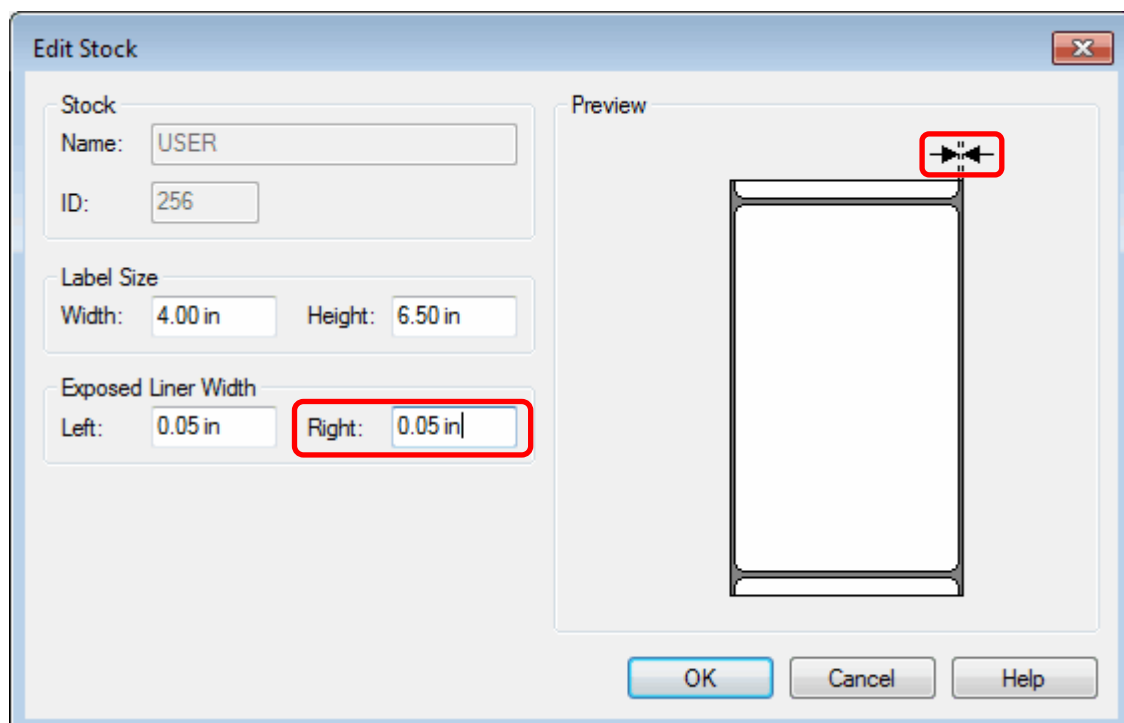
Click "Edit…" to configure.

Inputthe"Width"ofyourmedia.

Inputthe"Height"ofyourmedia.

Ifyourmediais"Label"typeandhas"Liner",plea   sesetbelowsizes.

Inputthe"Width(Left)"ofexposedliner.

Inputthe"Width(Right)"ofexposedliner.

Note)Ifyourprinterworkswithperforationpaper   (withhole),pleasesee
belowhowtoconfigure.

Switchto"Stock"tabon"PrintingPreferences".
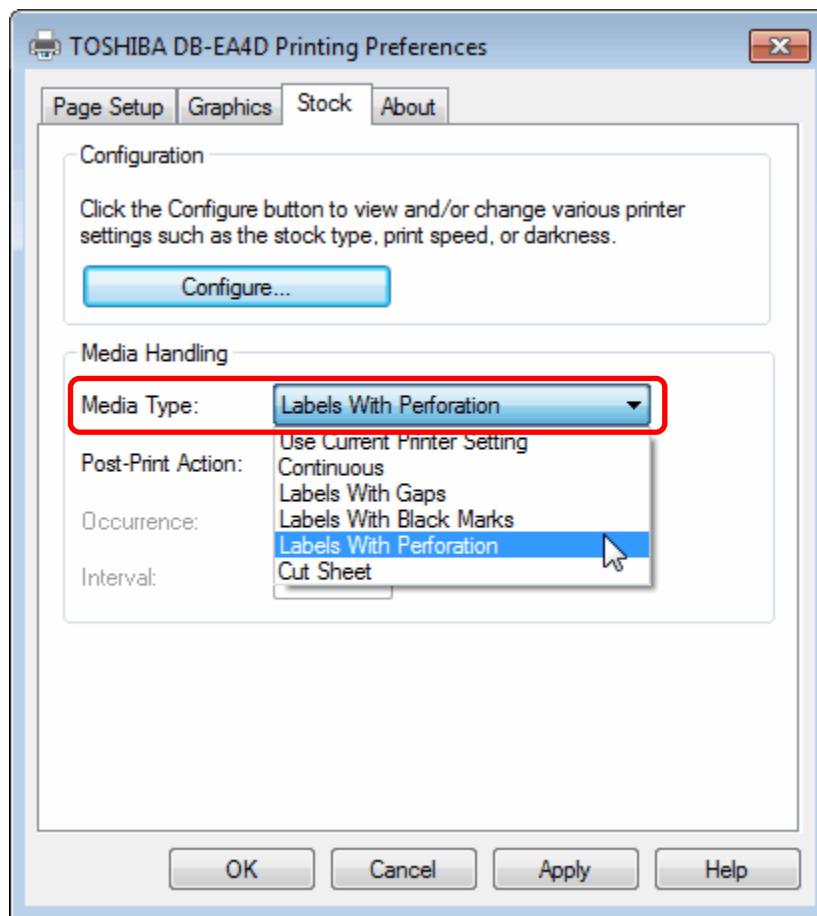
Select"LabelsWithPerforation".
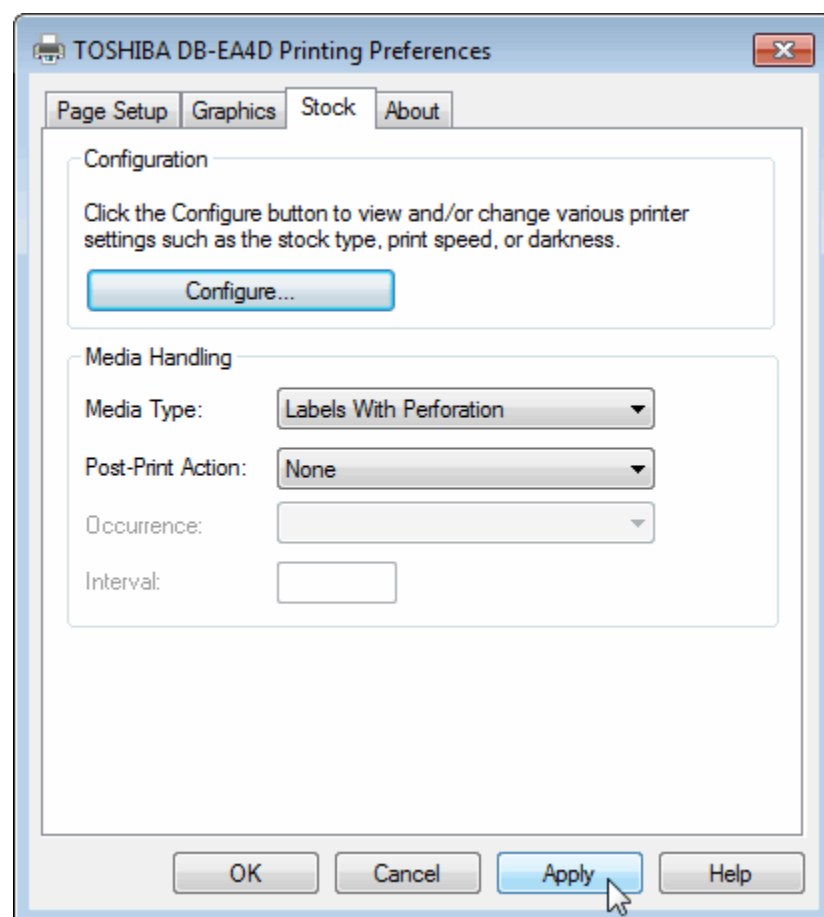
Click"Apply"or"OK"tofinish.

3.4. DocumentPrinting

Pleaserefertobelowoperationstoprintwith"Wor d"document.

Openadocumentwith"MicrosoftWord".
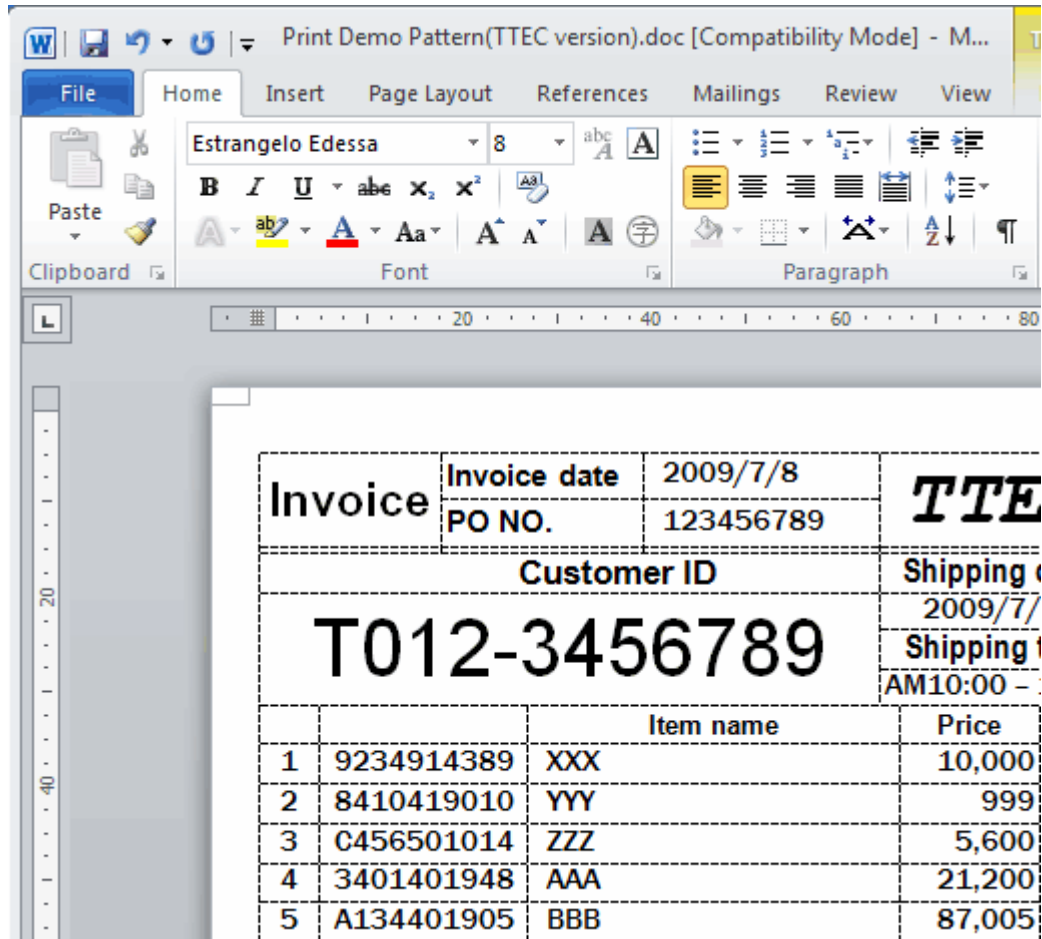
Point"File"menuand"Print"option.
Select"TOSHIBADB-EA4D"andclick"PrinterPropert   ies".
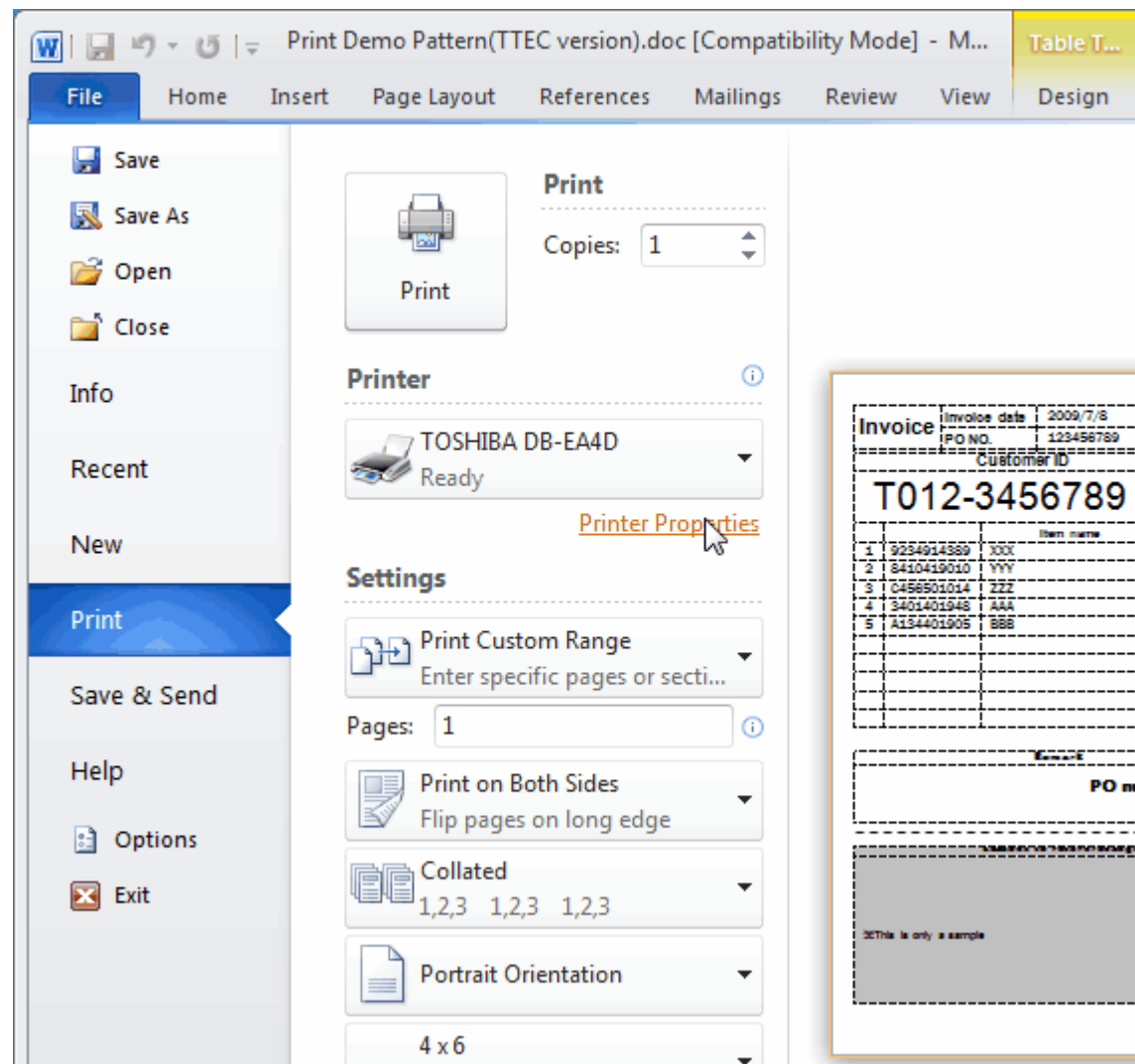
Selectthestocktypewithwhichyourprinterworks   .
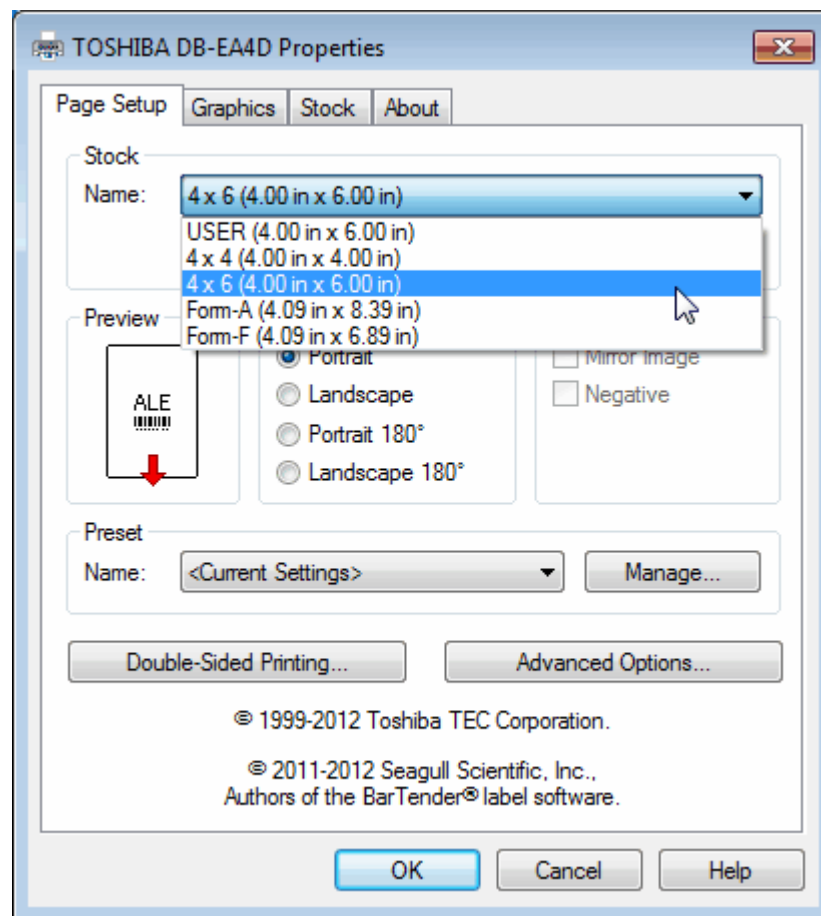
Click"OK"toclose.
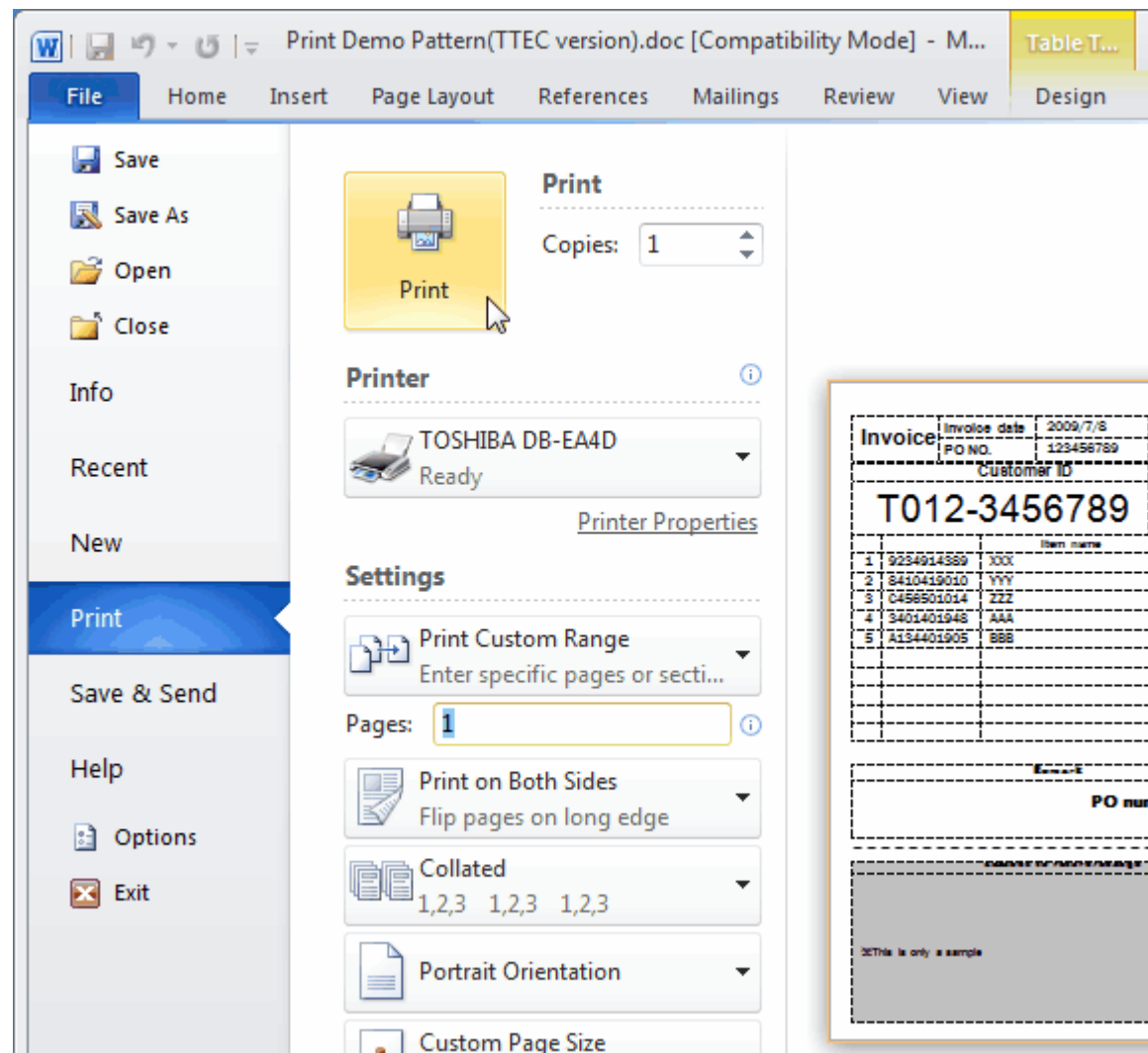
Click"Print"toprintthedocument.

Belowisprintresult.

Invoice	Invoice date	2009/7/8	TTEC
	PO NO.	123456789	

Customer ID	Shipping date
T012-3456789	2009/7/15
	Shipping time
	AM10:00 – 11:00

		Item name	Price	Qty
1	9234914389	XXX	10,000	1
2	8410419010	YYY	999	1
3	C456501014	ZZZ	5,600	1
4	3401401948	AAA	21,200	1
5	A134401905	BBB	87,005	1

Remark

PO numbers

Reasons to return/change

※This is only a sample

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Remark

PO numbers

Reasons to return/change

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4.Un-installationofPrinterDriver

Touninstallprinterdriver,runyournewprinterd   riverpackagetostart installationprocessasshownin"2.1   InstallationforWindows7(32-bit,64-bit)   ".

Whenyouseebelowdialog,pleaseselect"Removepr   interdrivers"andclick "Next>"toproceed.
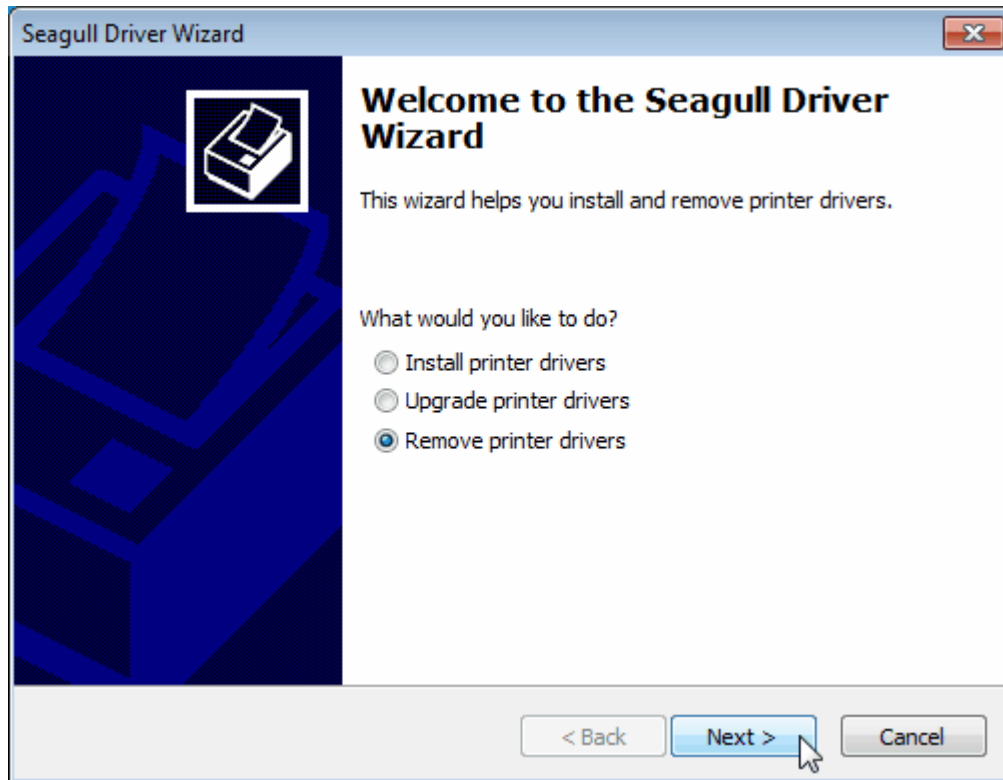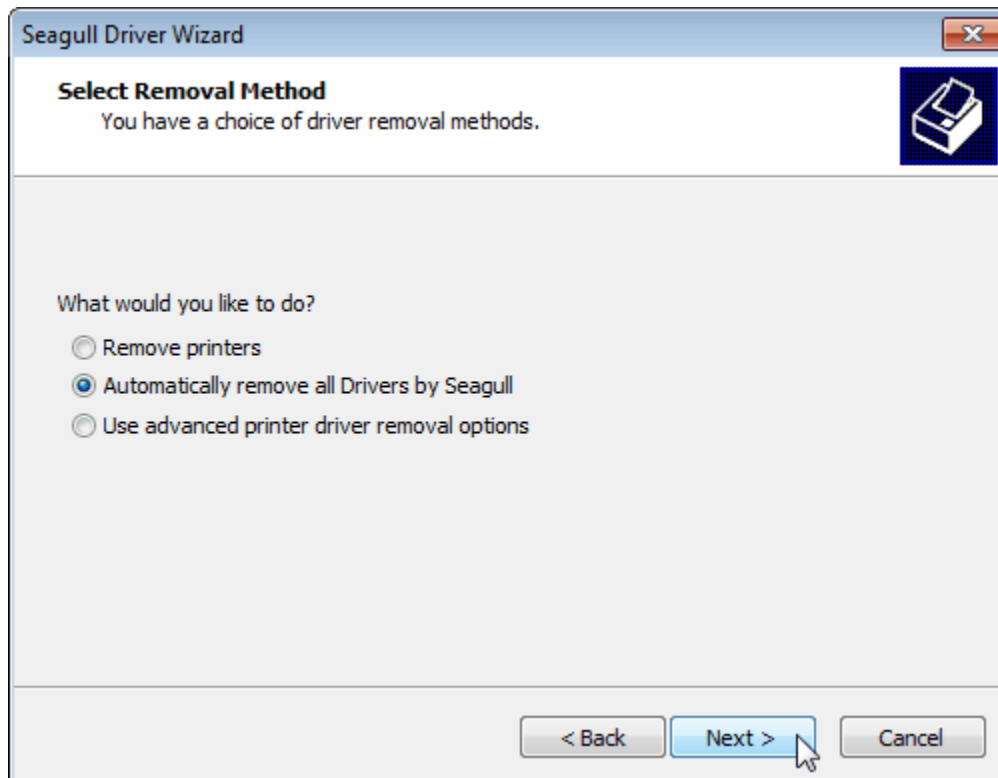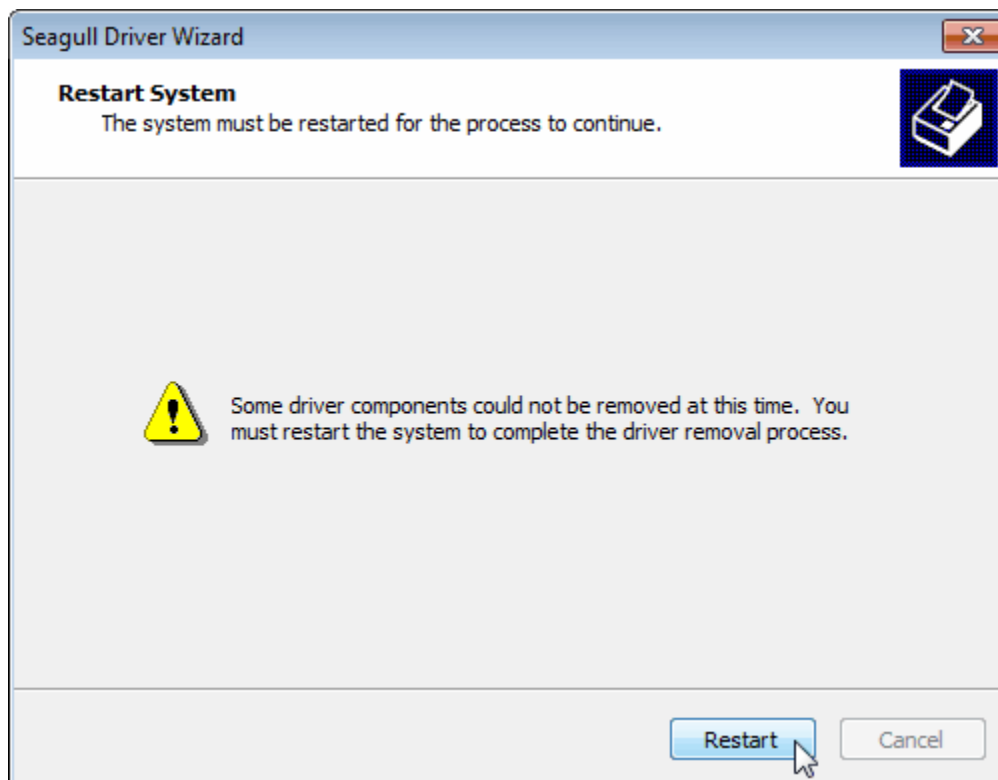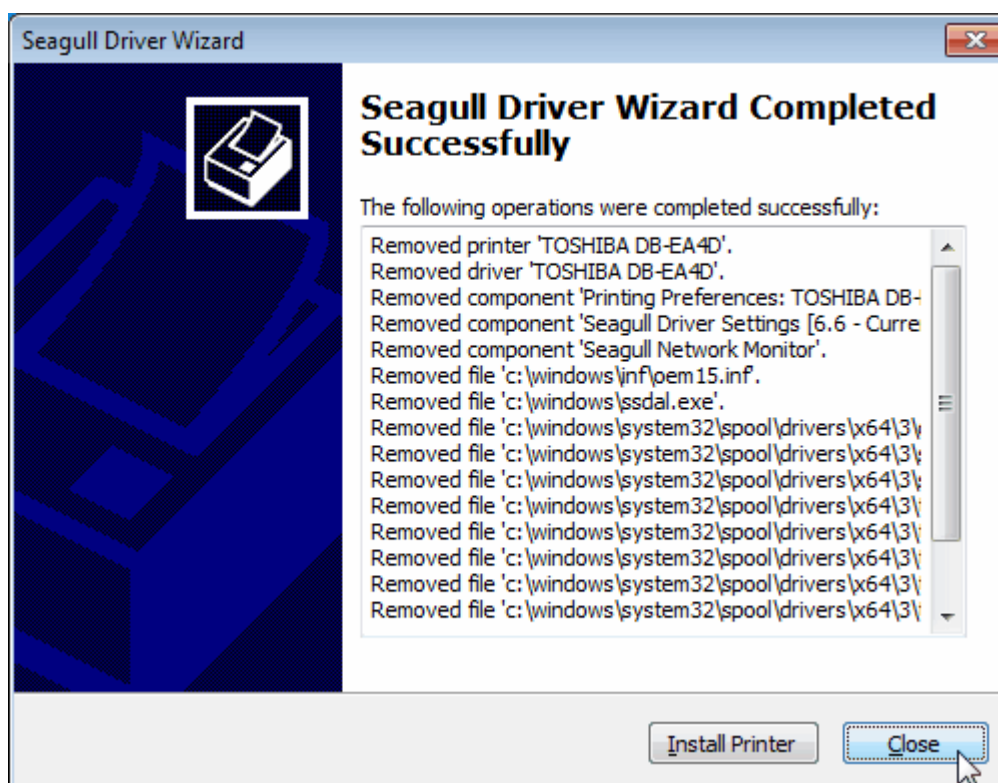
Select"AutomaticallyremoveallDriversbySeagull   "andclick"Next>"to
proceed.
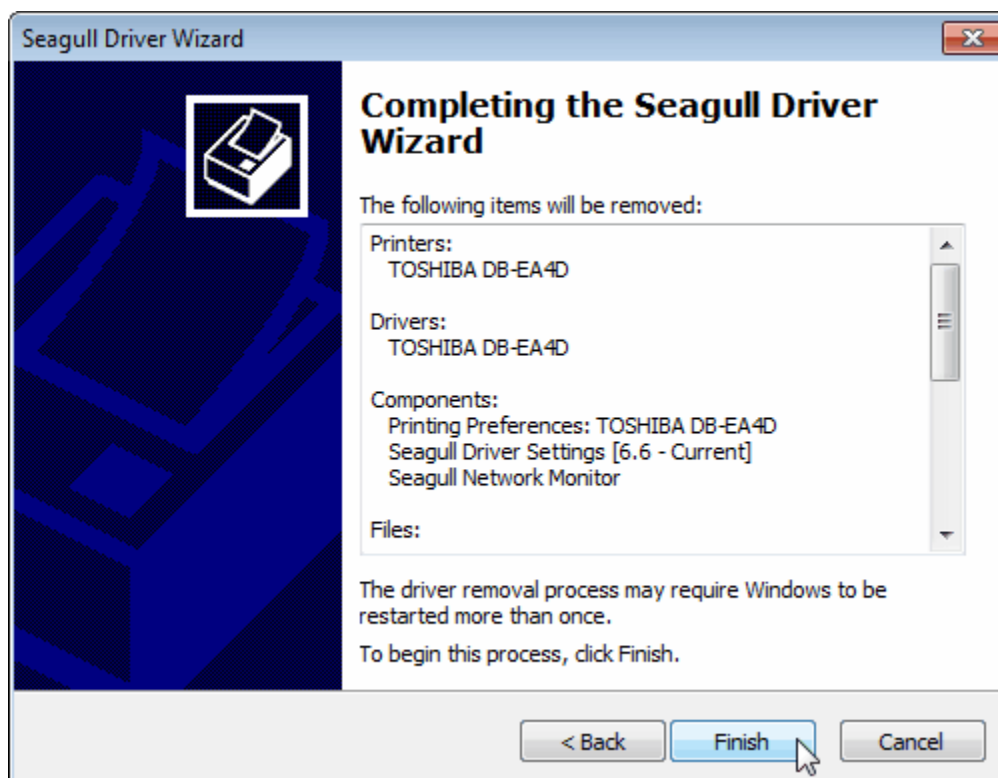
Click"Finish"tocompletetheWizardandstartrem   ovingprinterdriver.

Click"Restart".

Afterrestartingyoursystem,removalofprinterdr   ivercompletes.
Click"Close"tocomplete.

TOSHIBA TEC CORPORATION